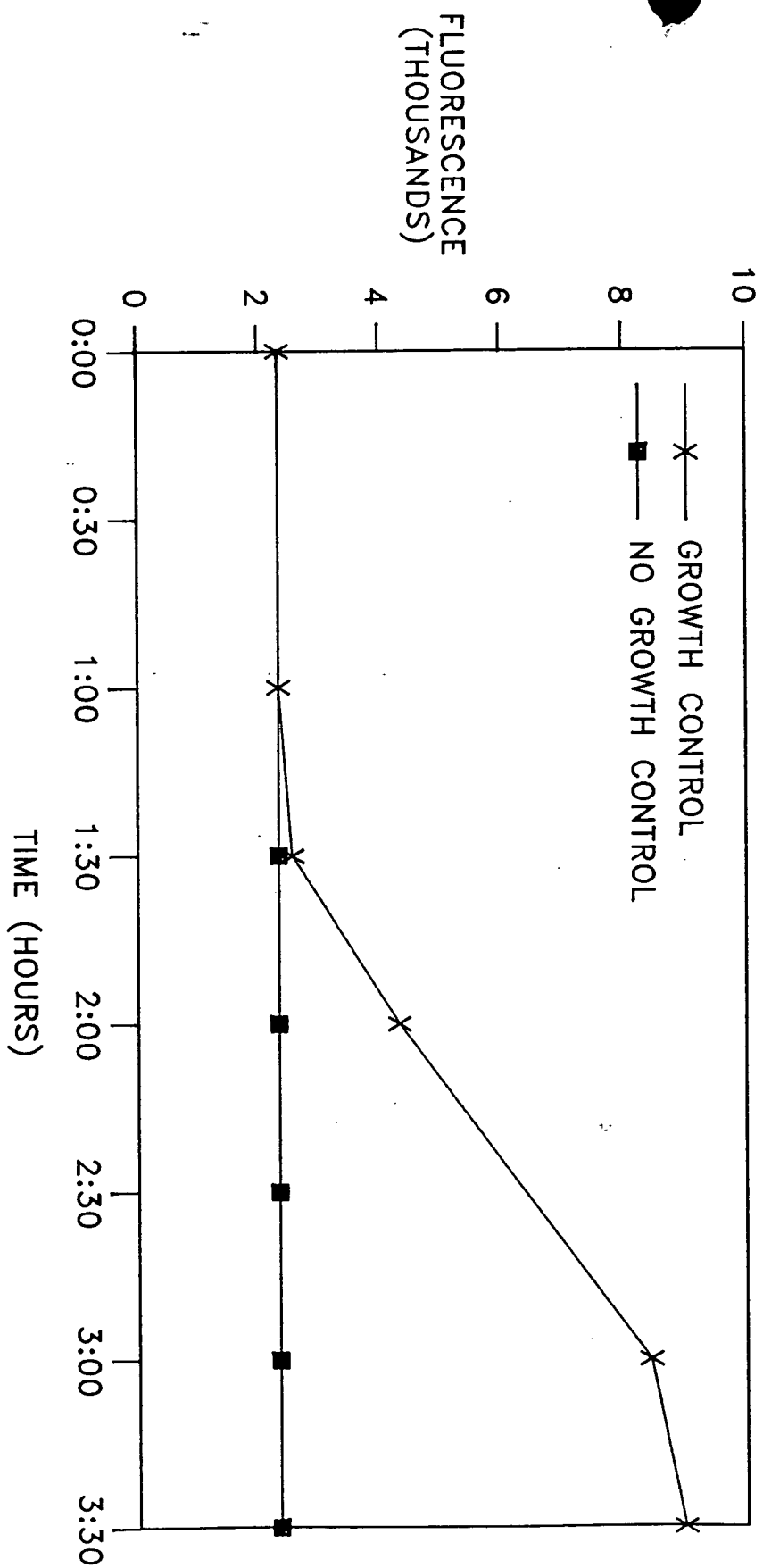


FIG-1



091642504.081800

FIG-2

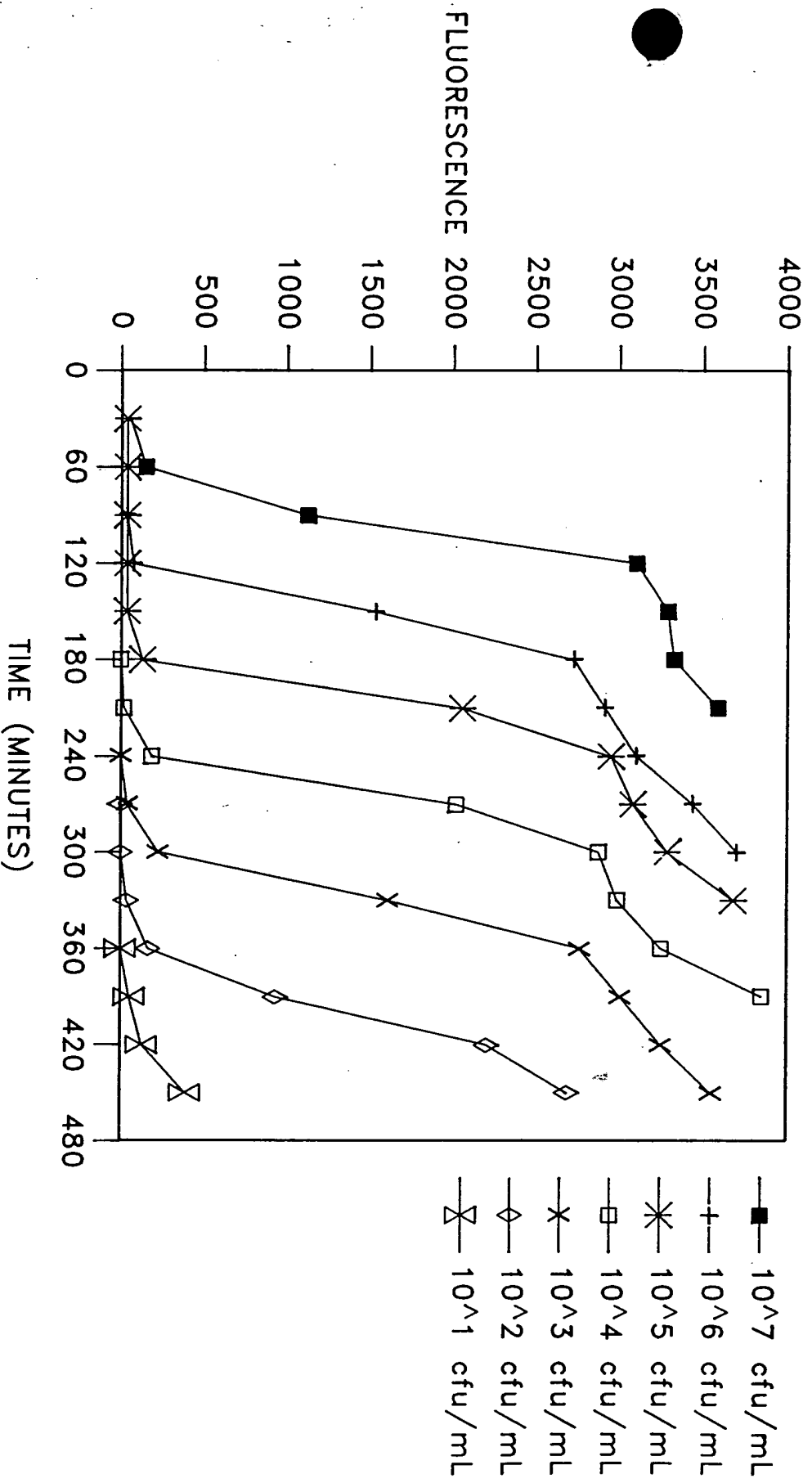
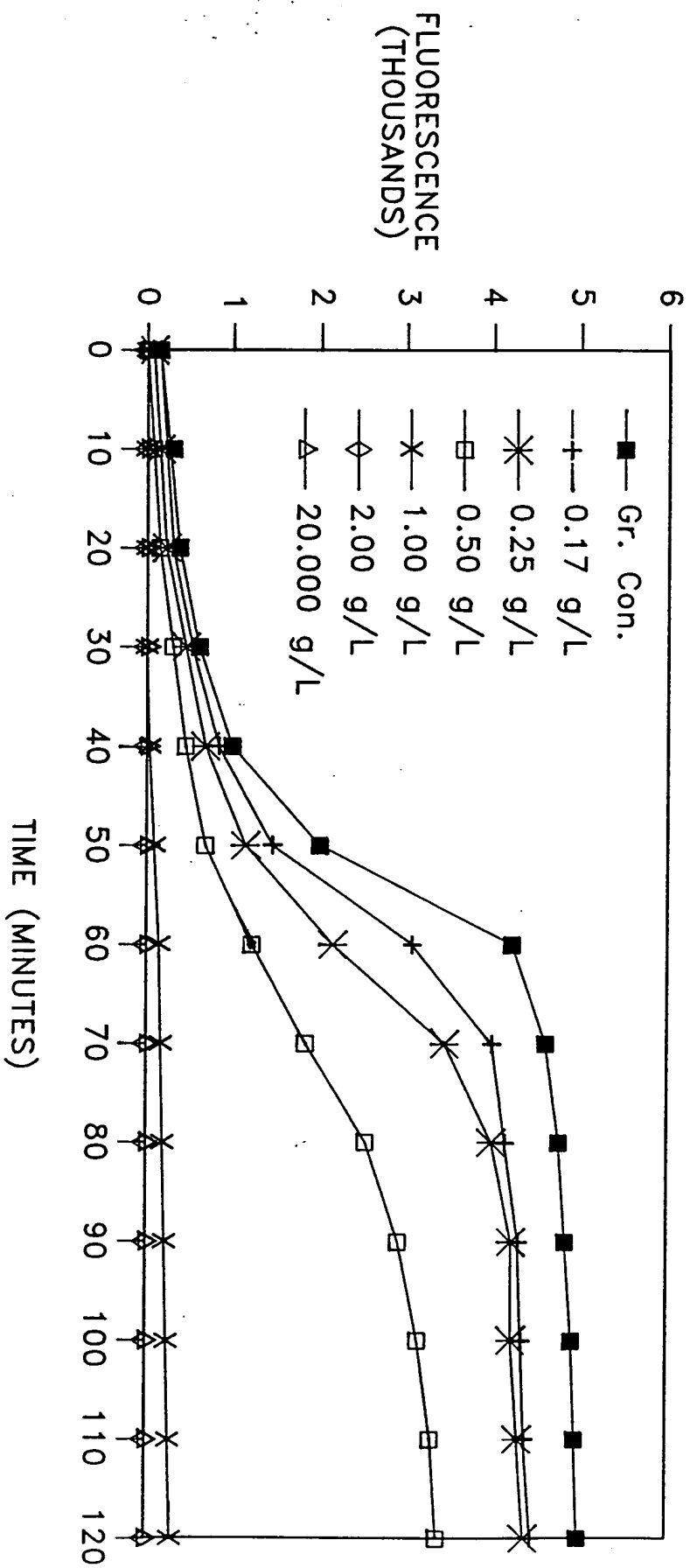


FIG-3



00916425034.0001.0000

FIG-4

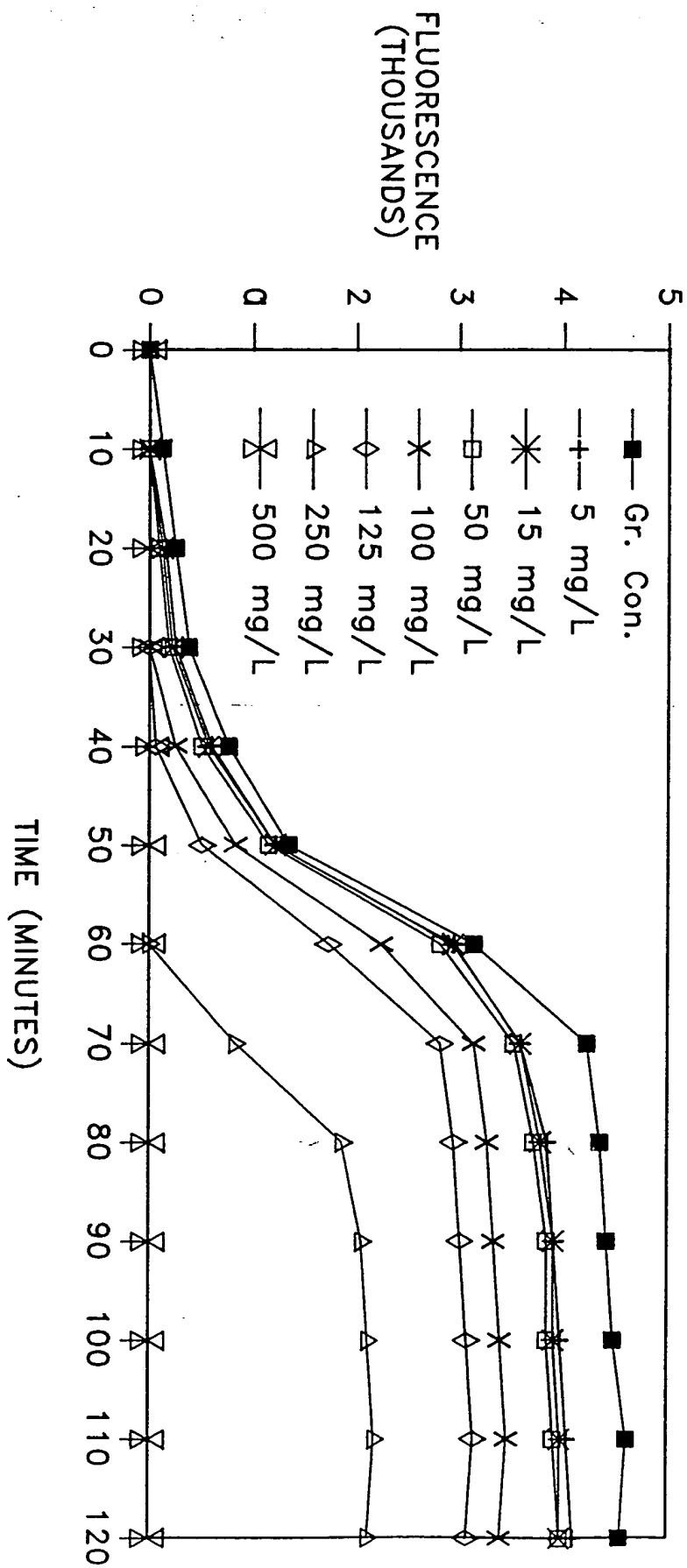
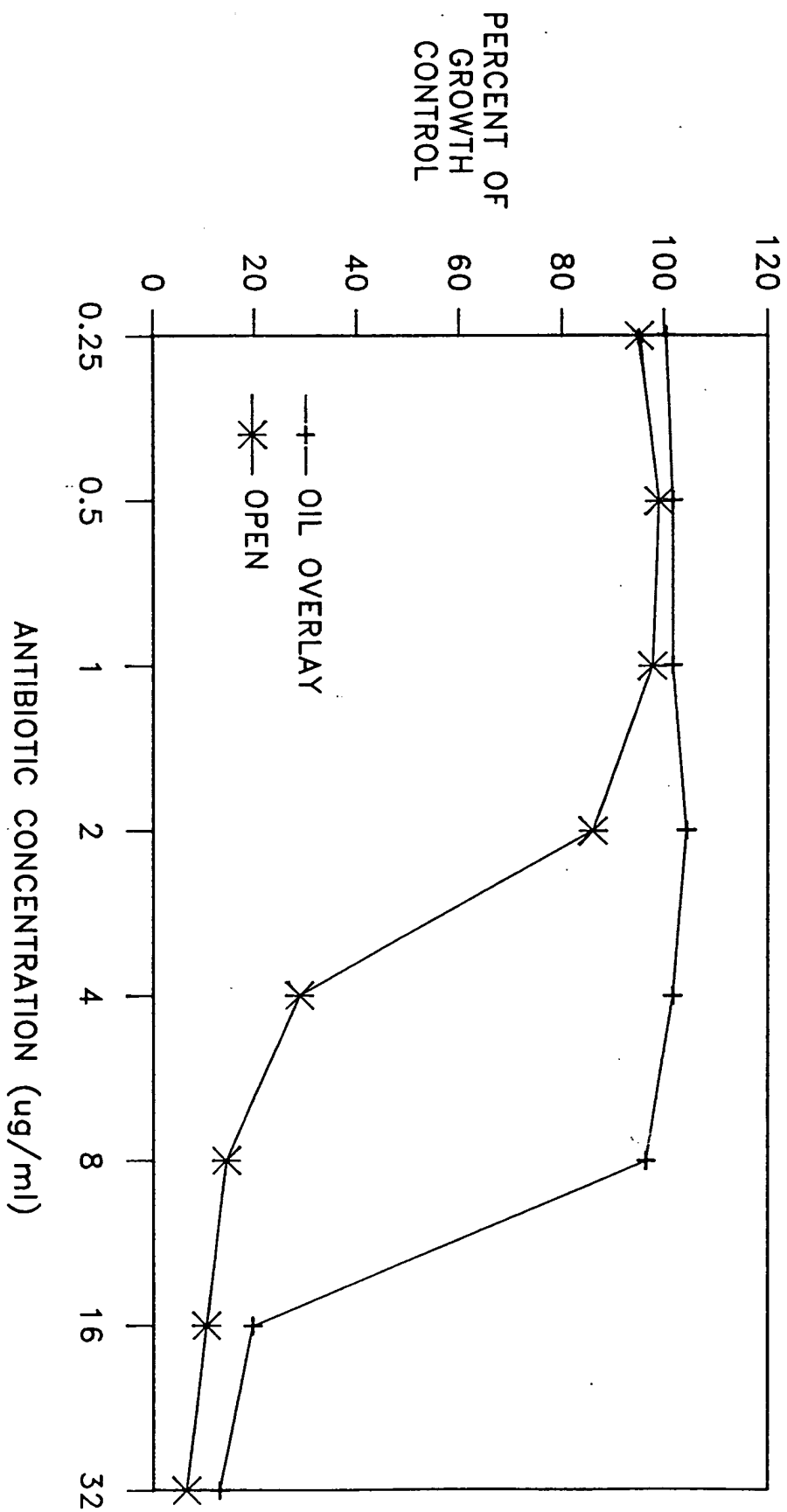


FIG-5A



09642504-031300

FIG-5B

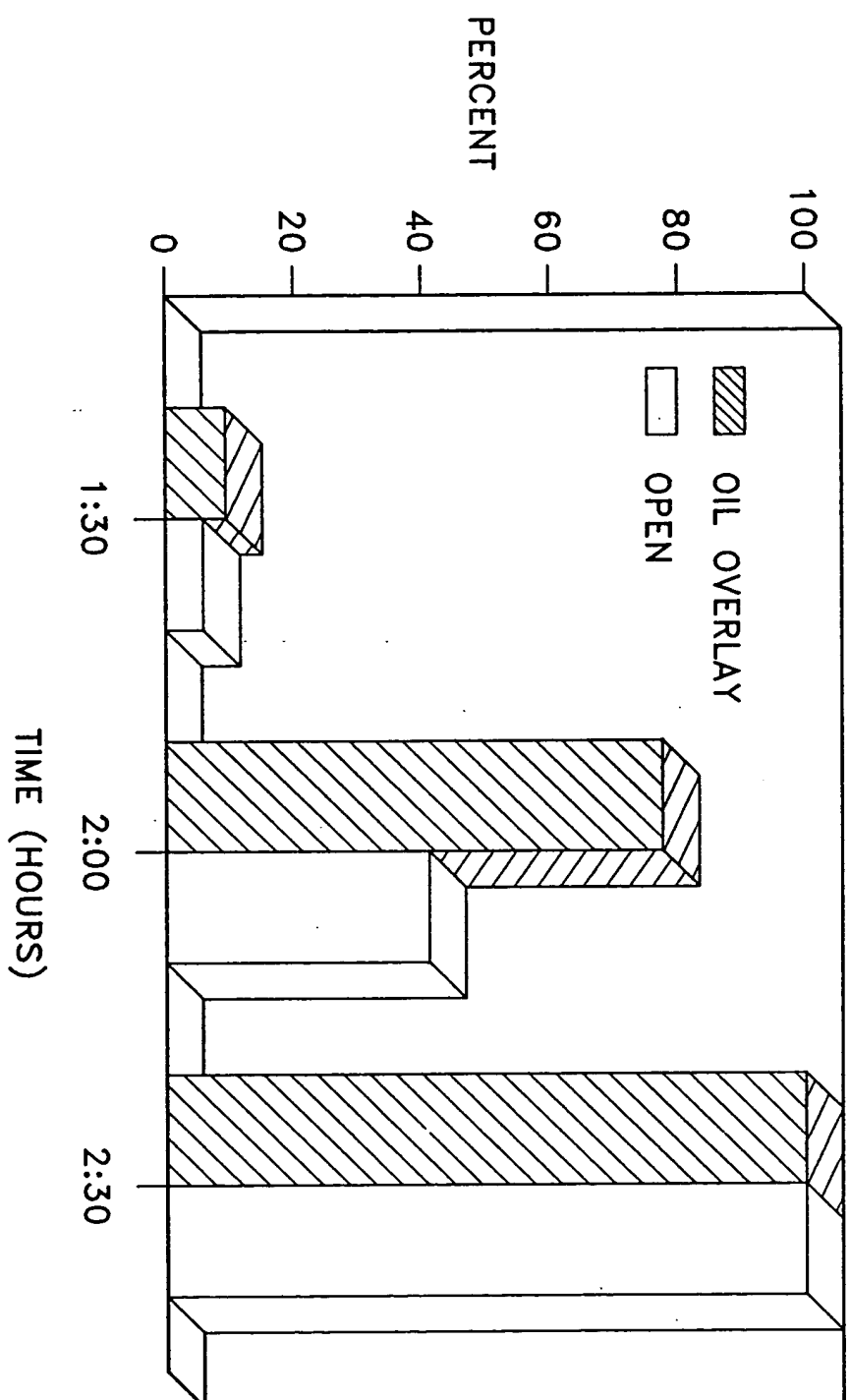
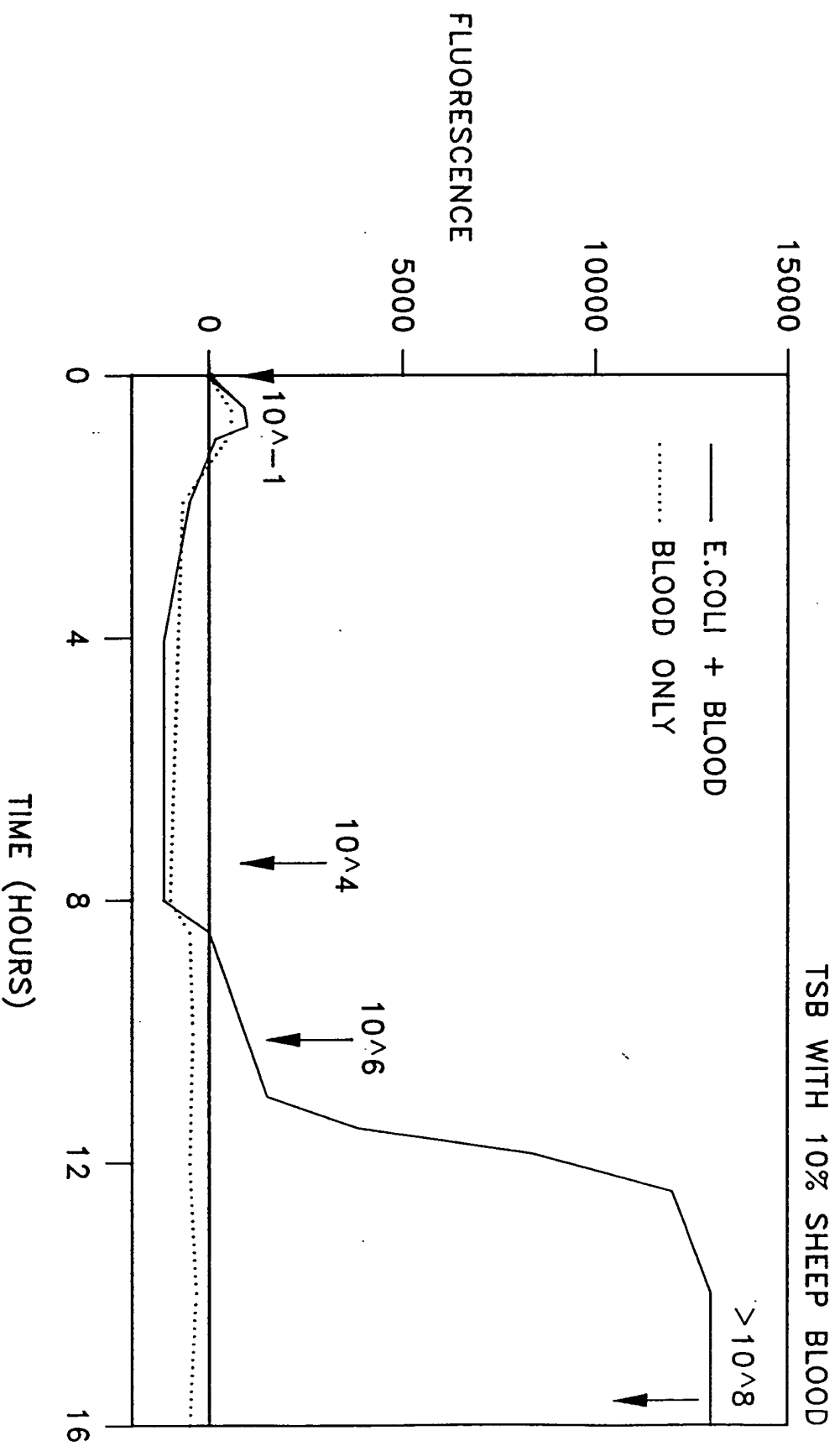
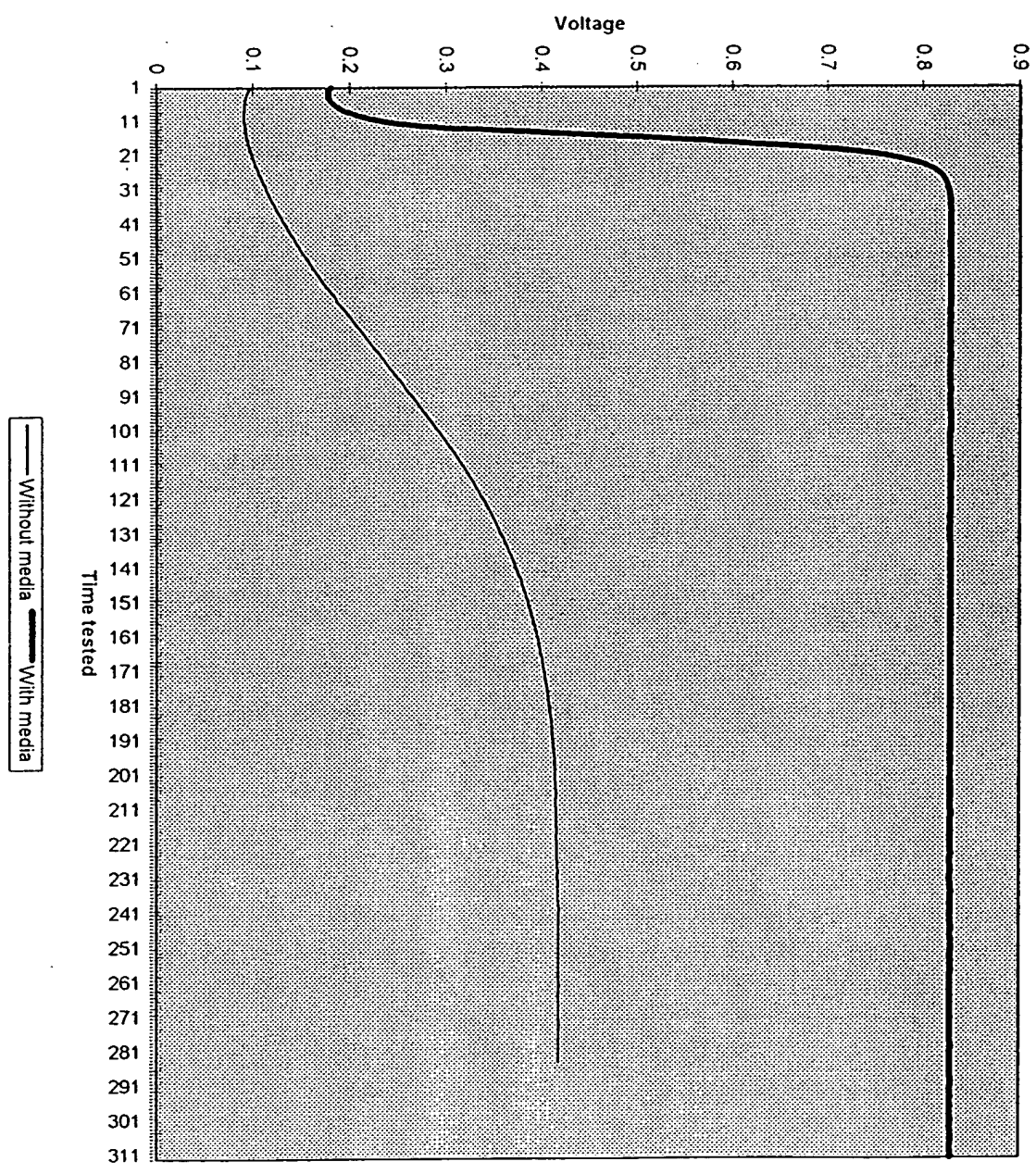


FIG-6



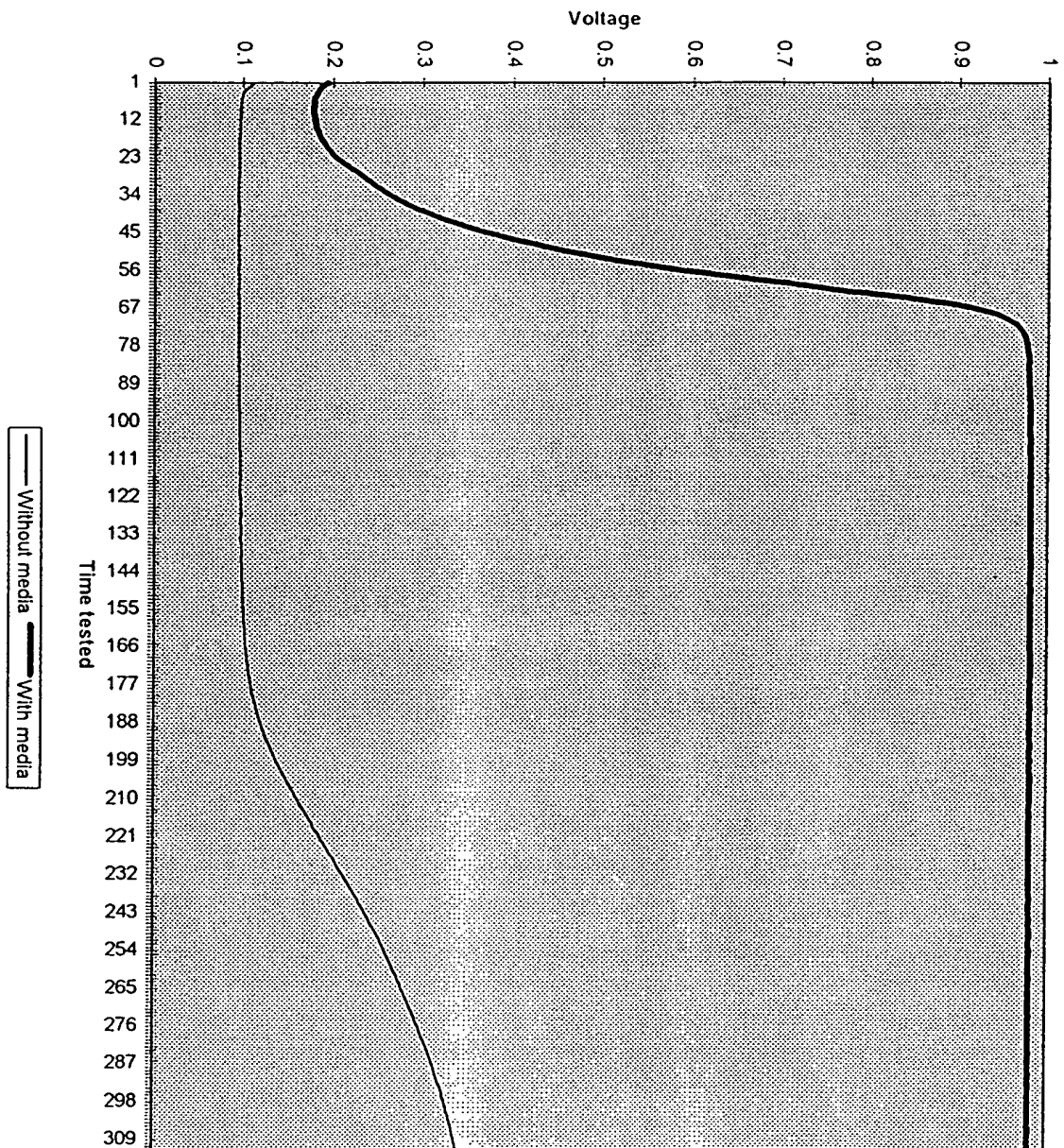
09642504.031800

Figure 7 - *P. aeruginosa*



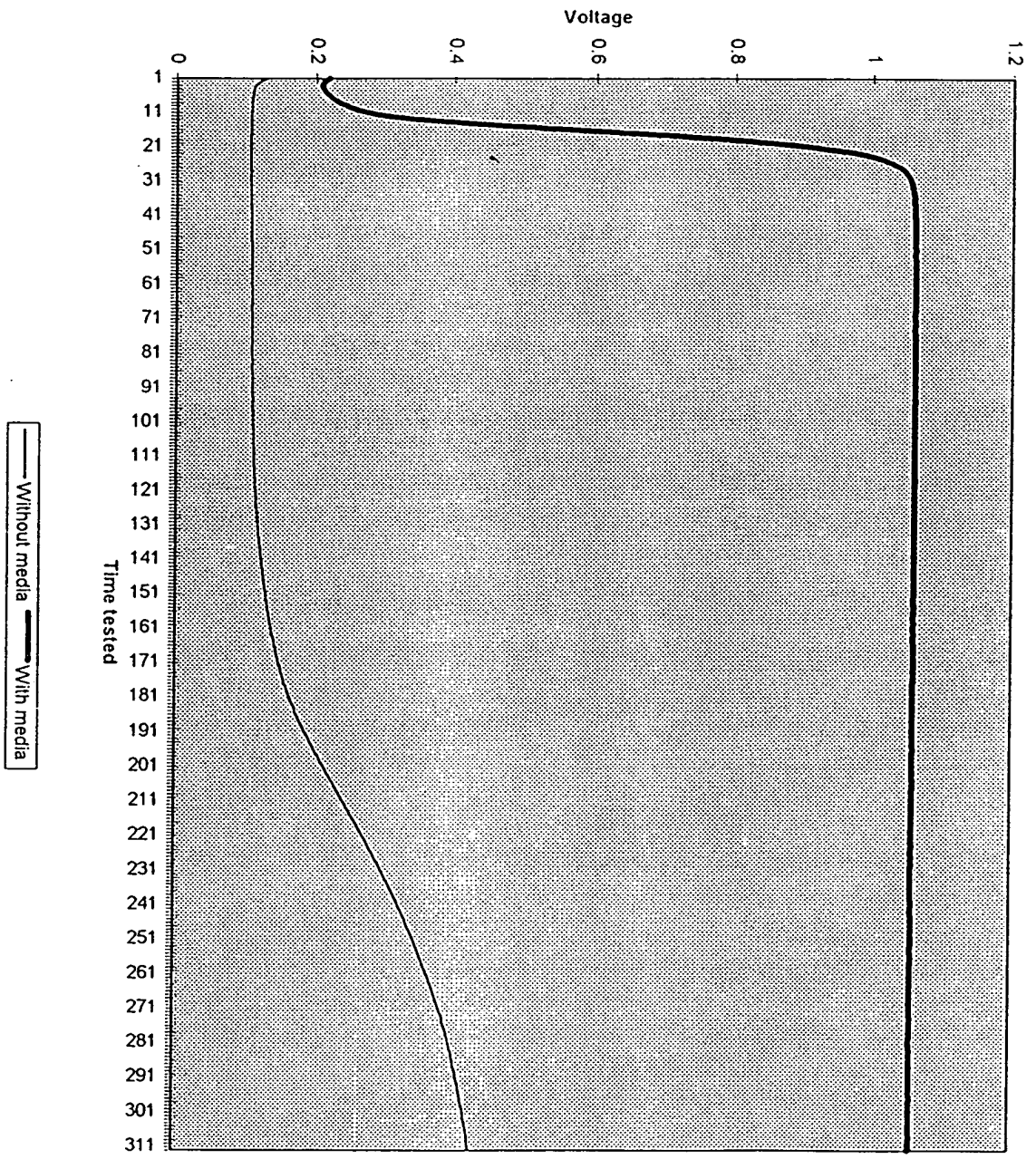
09642504.03.1800

Figure 8- *M. fortuitum*



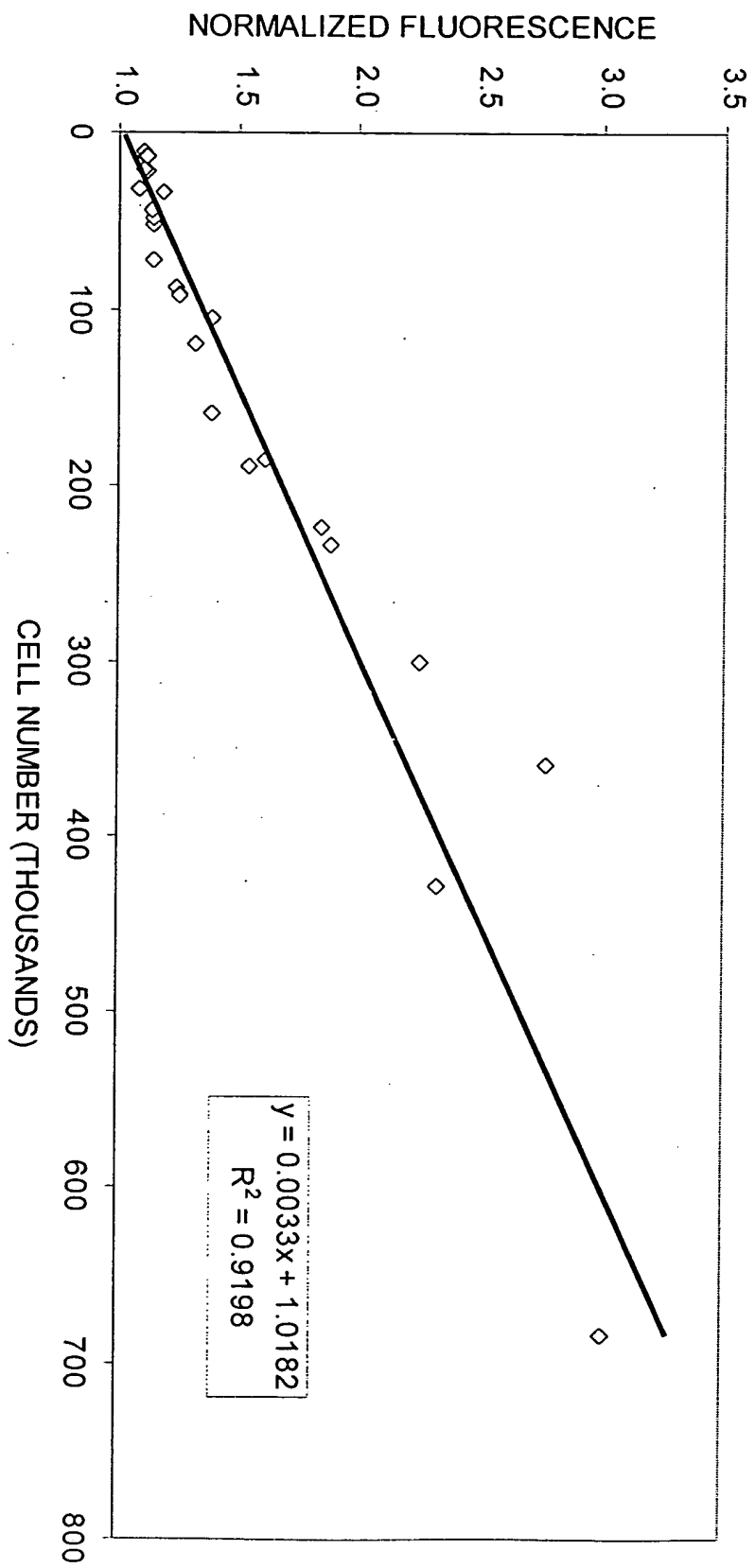
09642504.08.1800

Figure 9 - E. coli



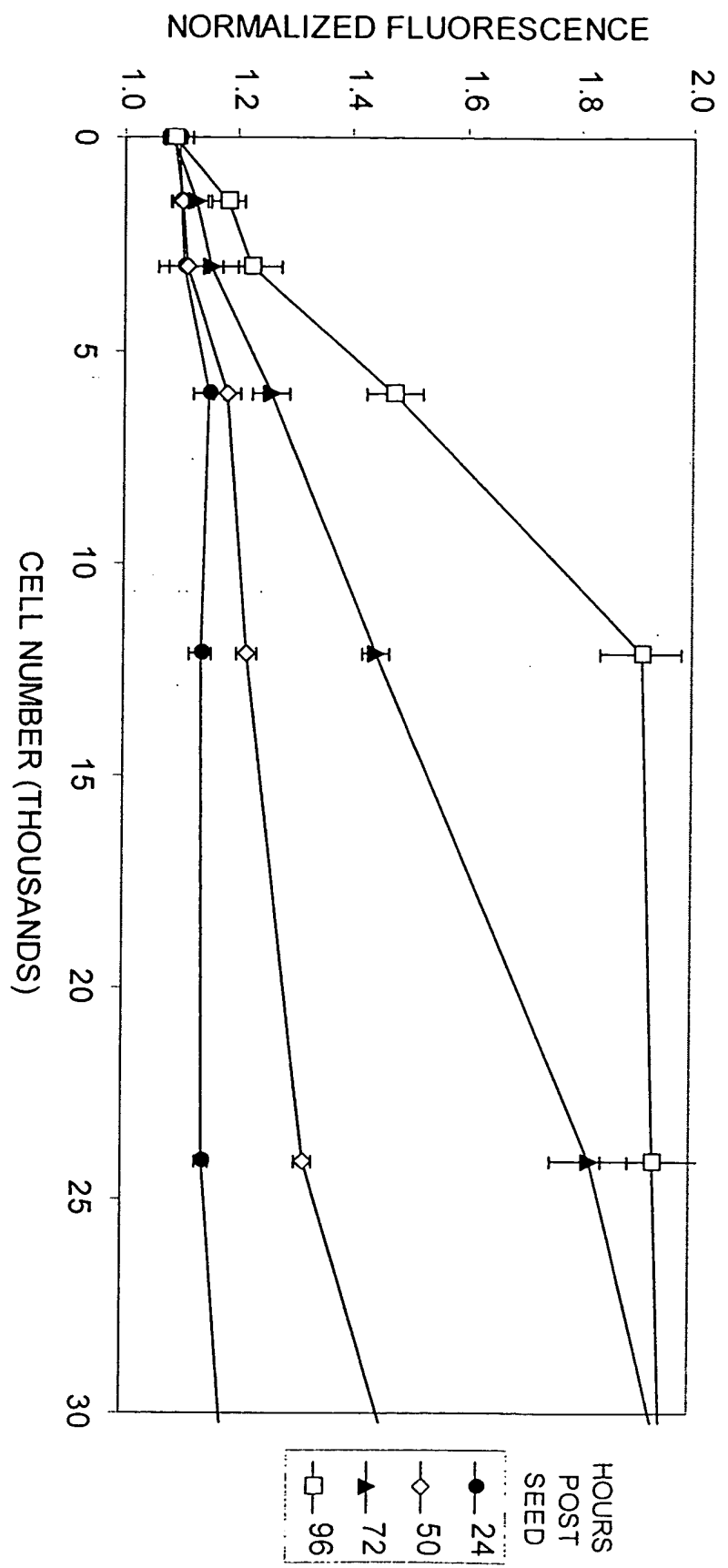
09642504 . 08.1800

FIG-10



0645-798X

FIG-11



09642504.081800

FIG-12

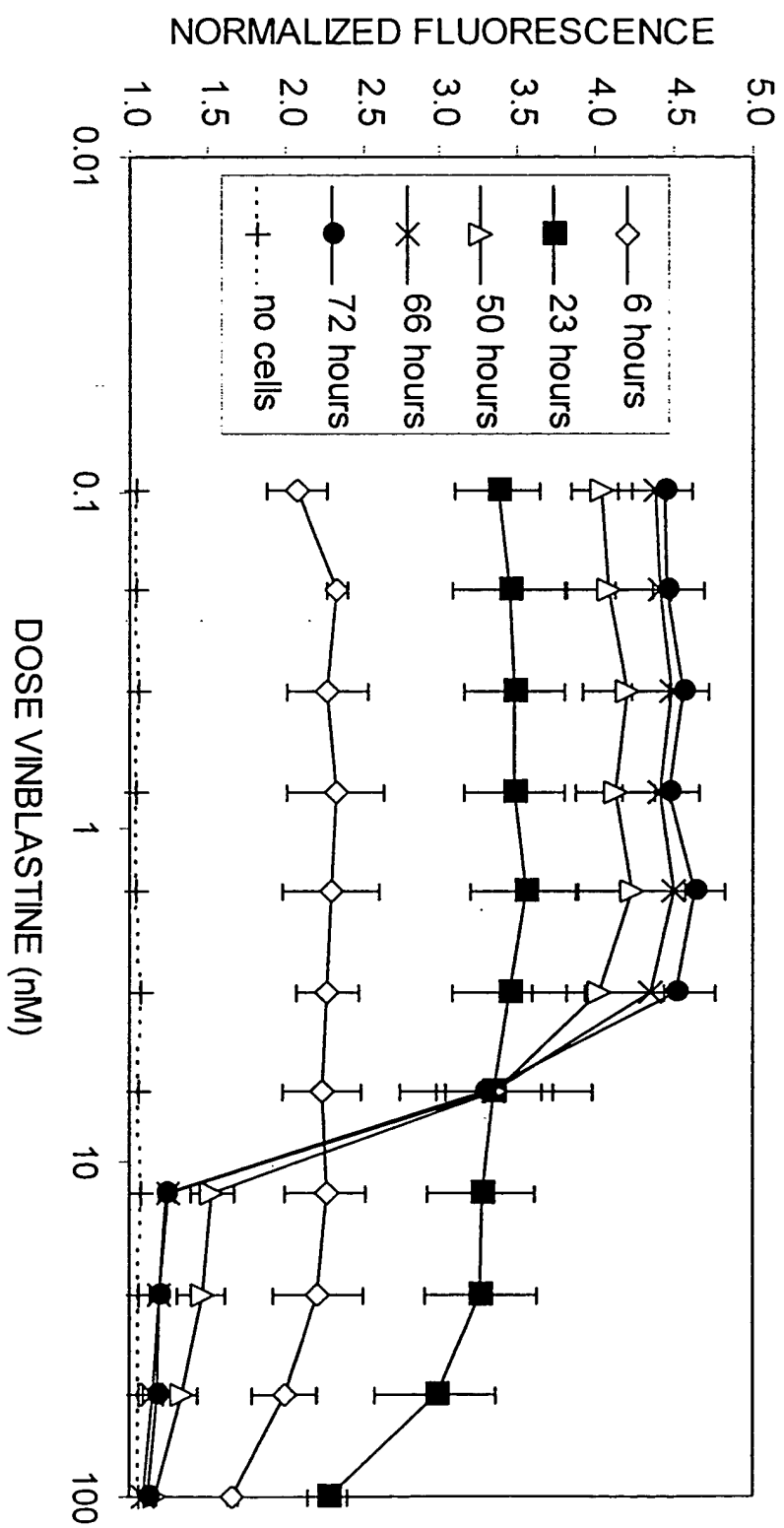
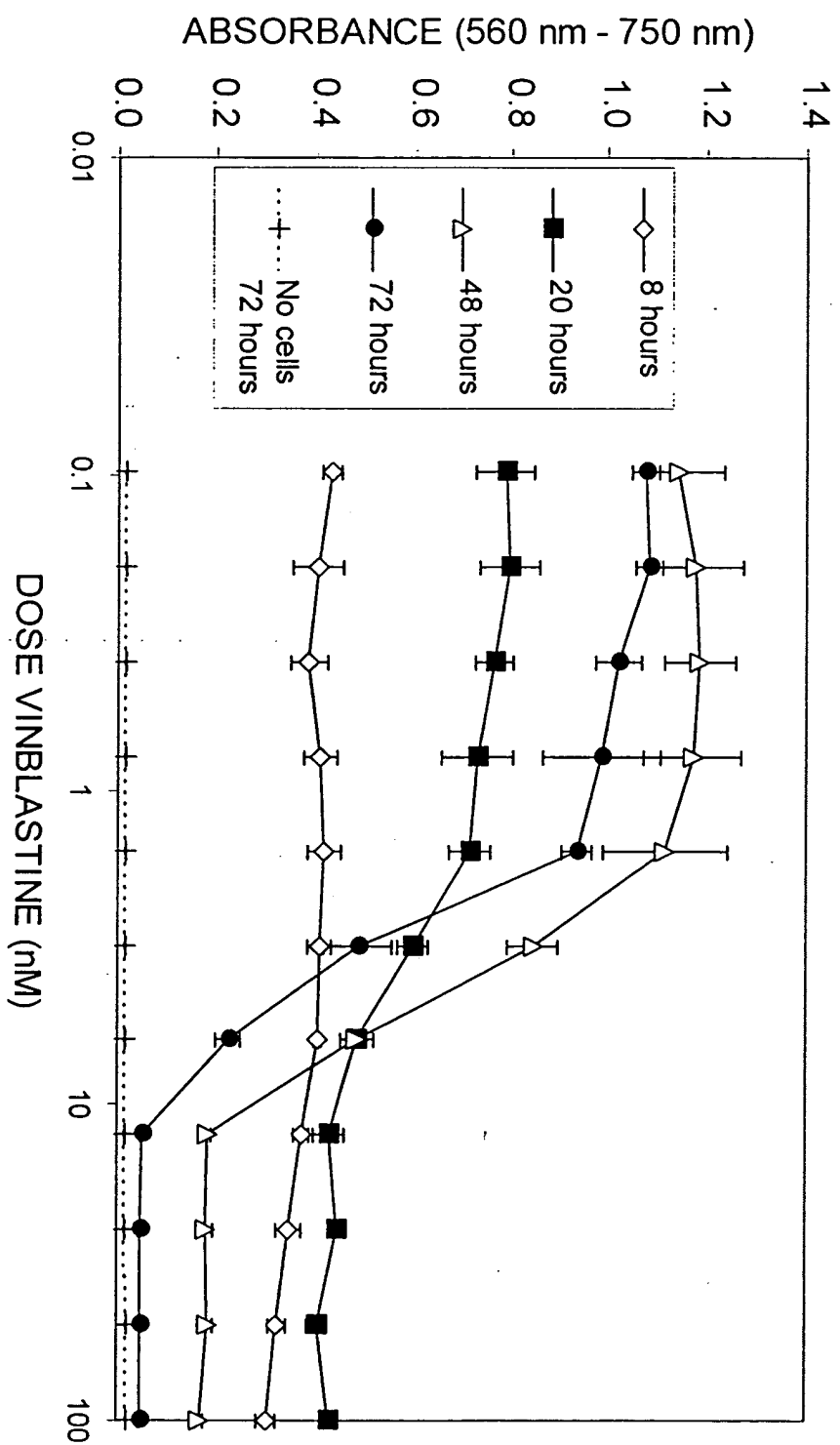
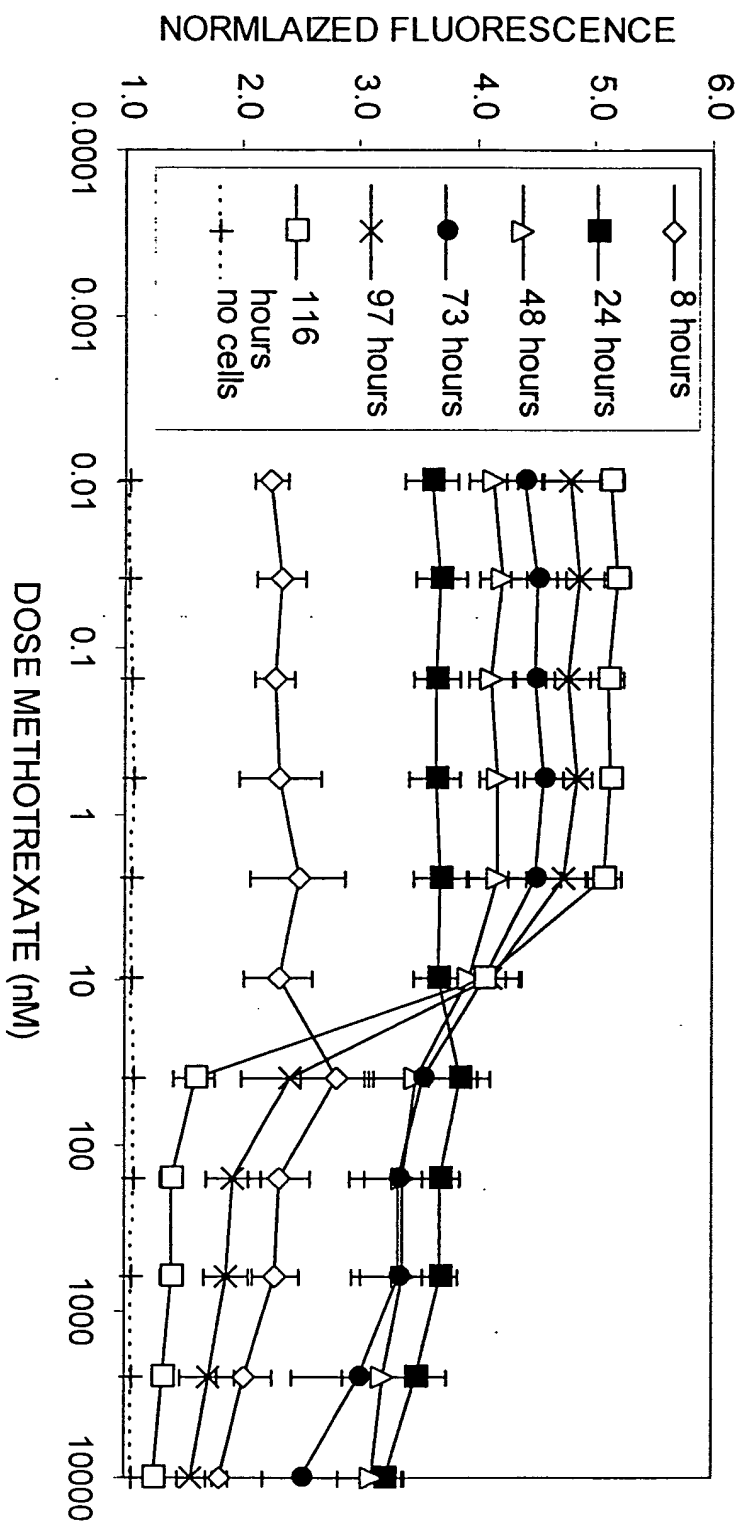


FIG-13



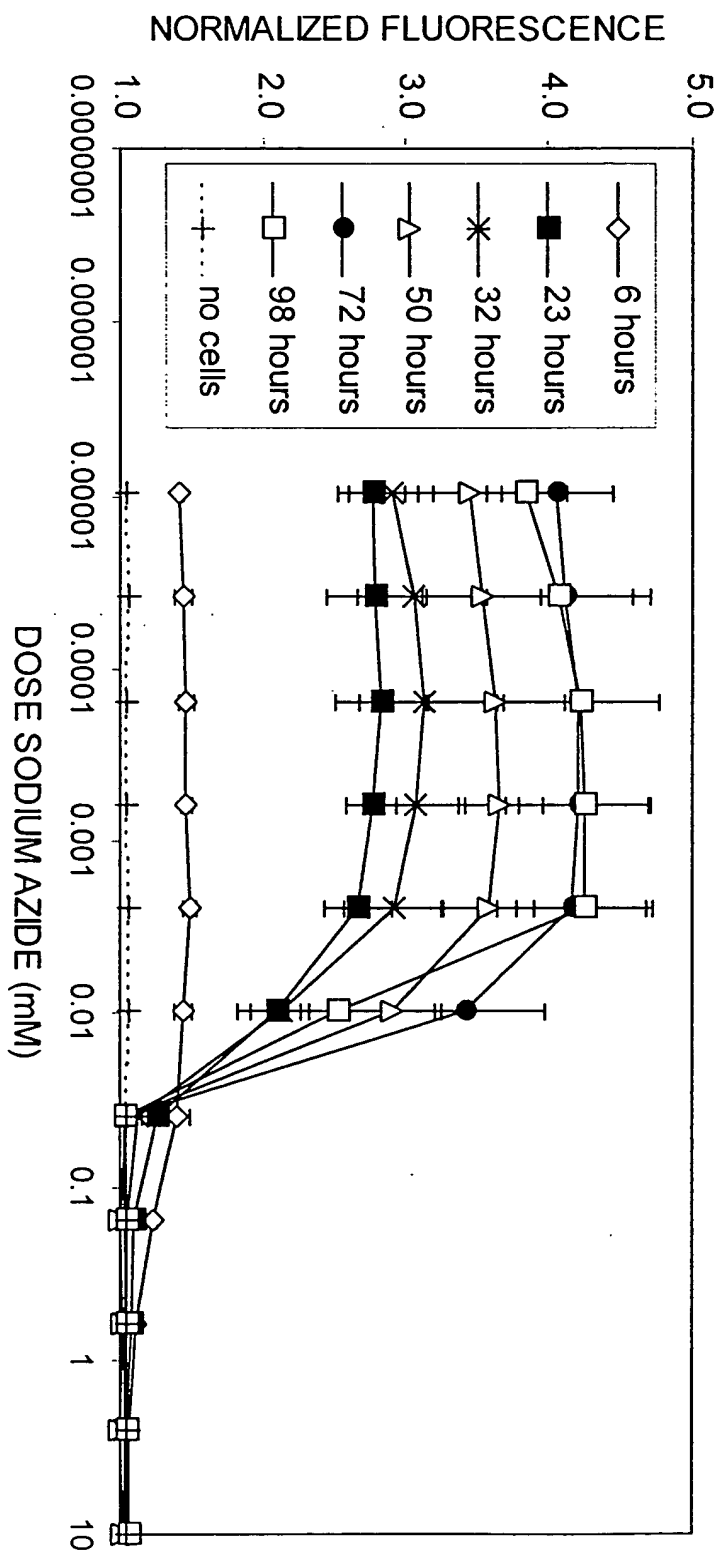
09642504, 081800

FIG-14



0916443504_081300

FIG-15



03642504 - 03.13.00

FIG-16

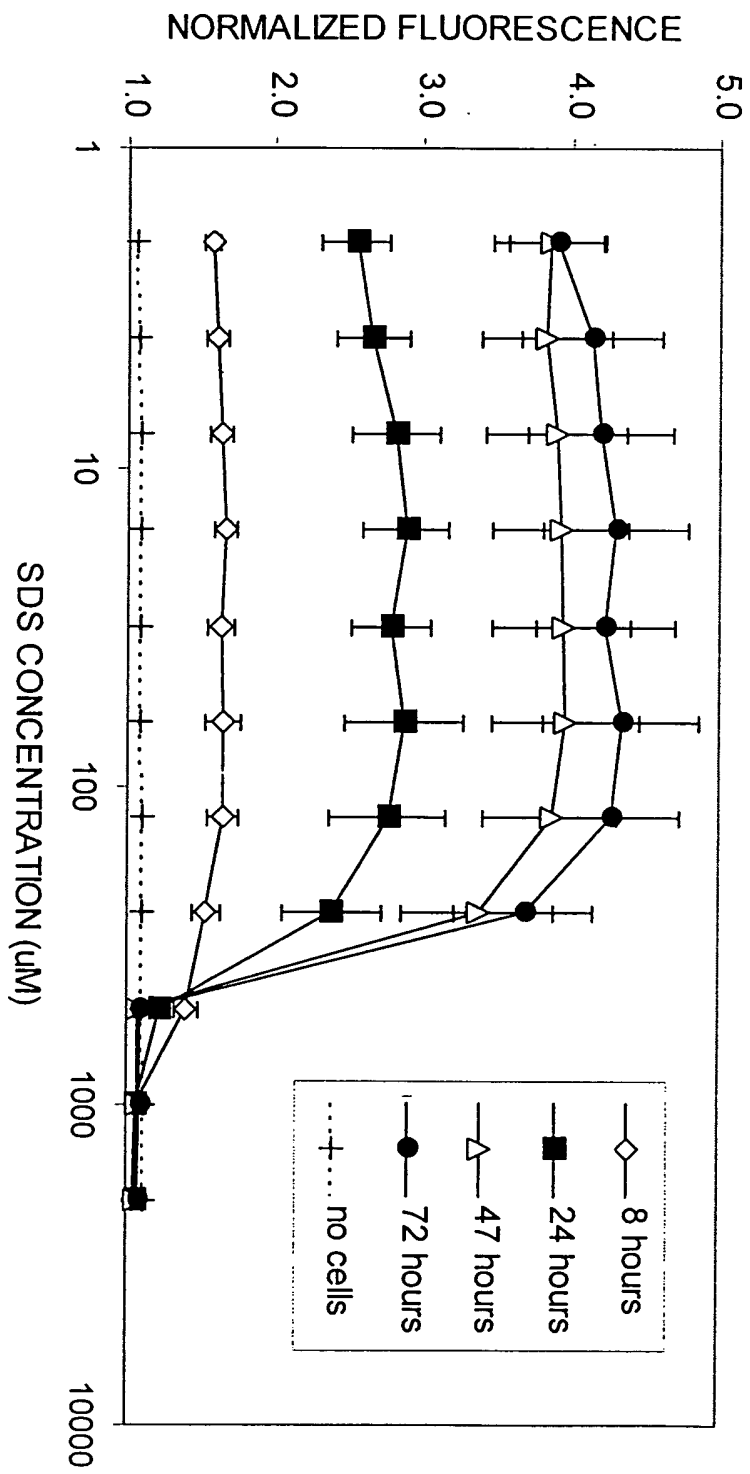


FIG-17

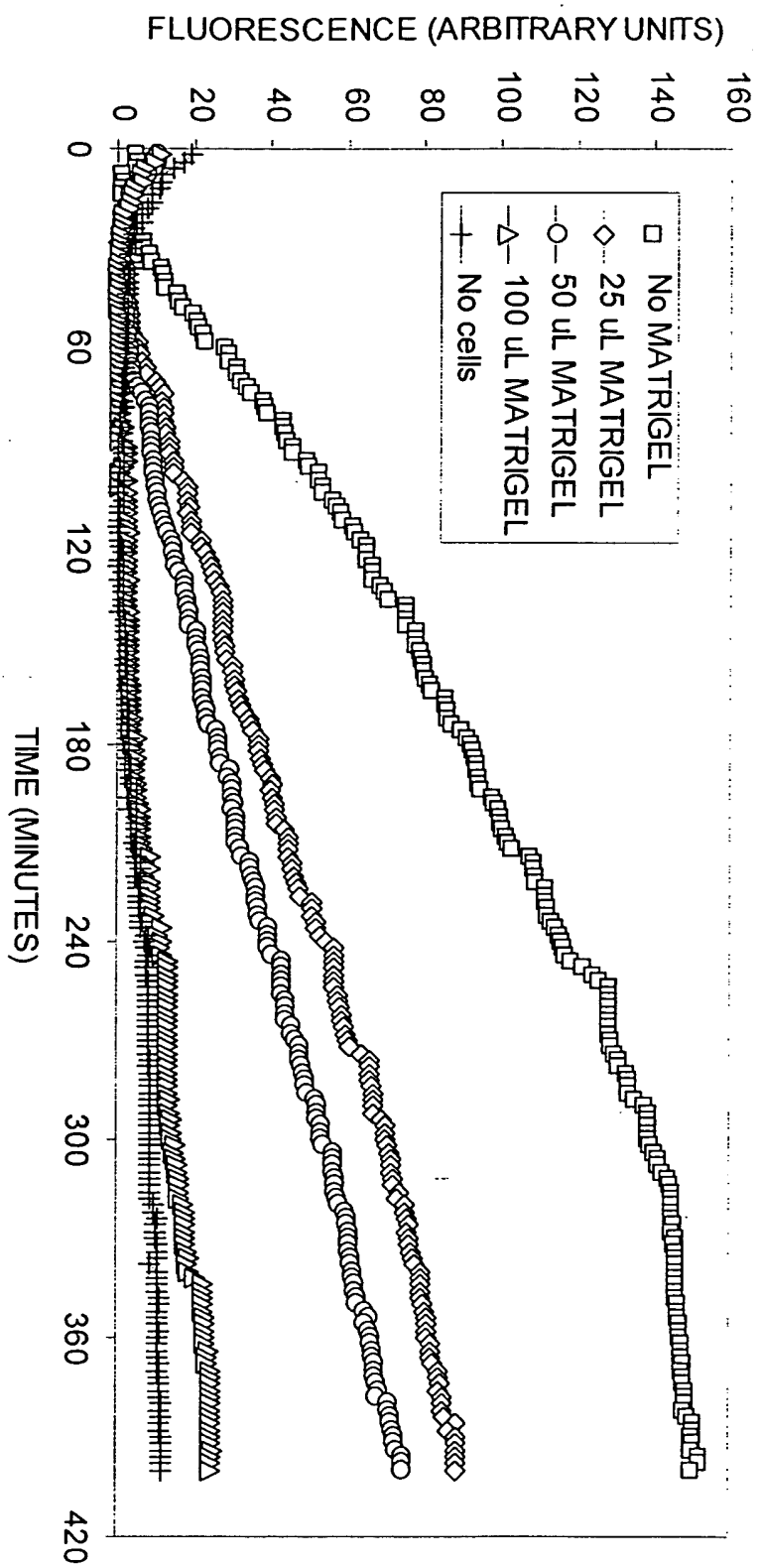


FIG-18A

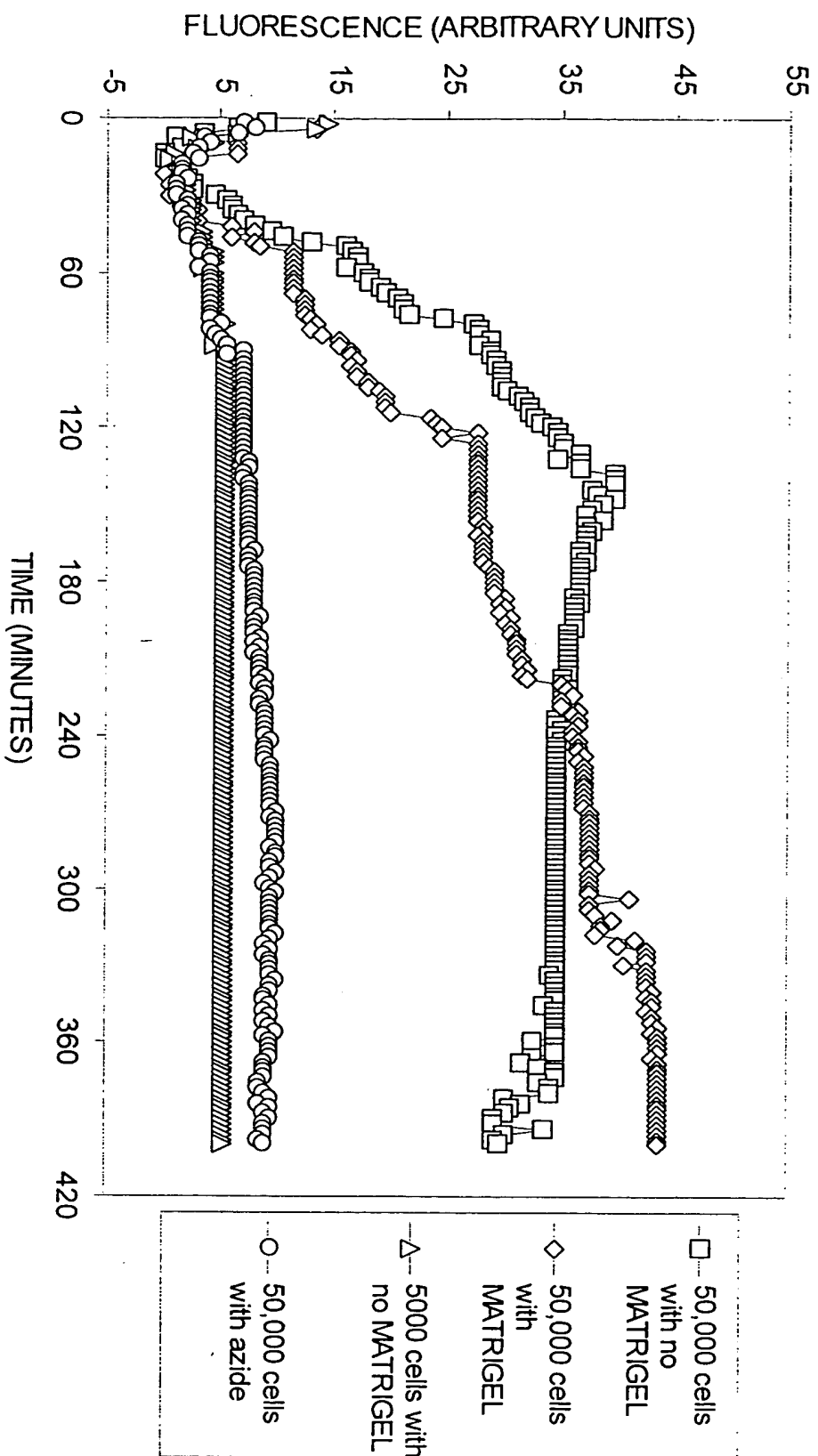


FIG-18B

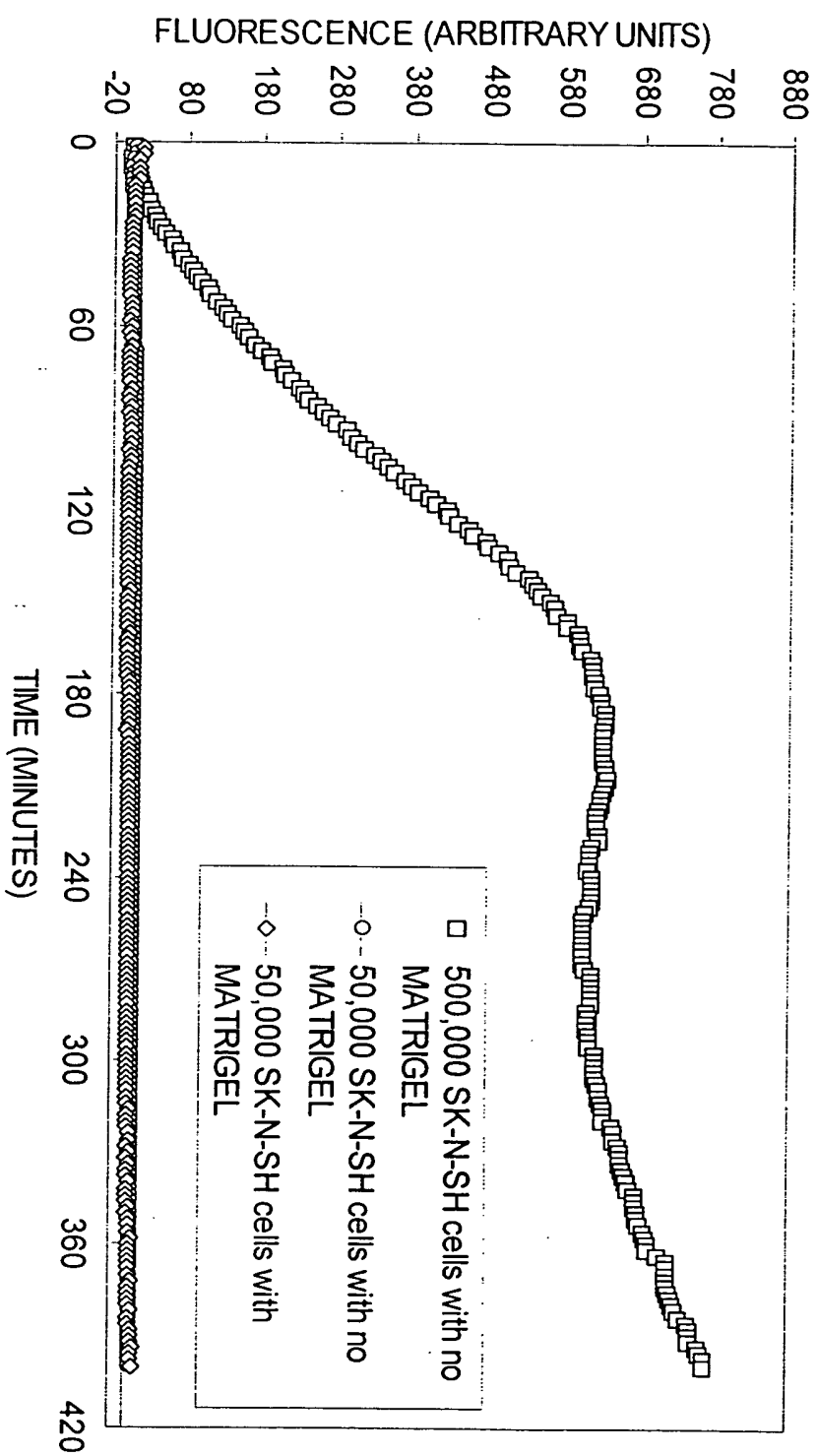
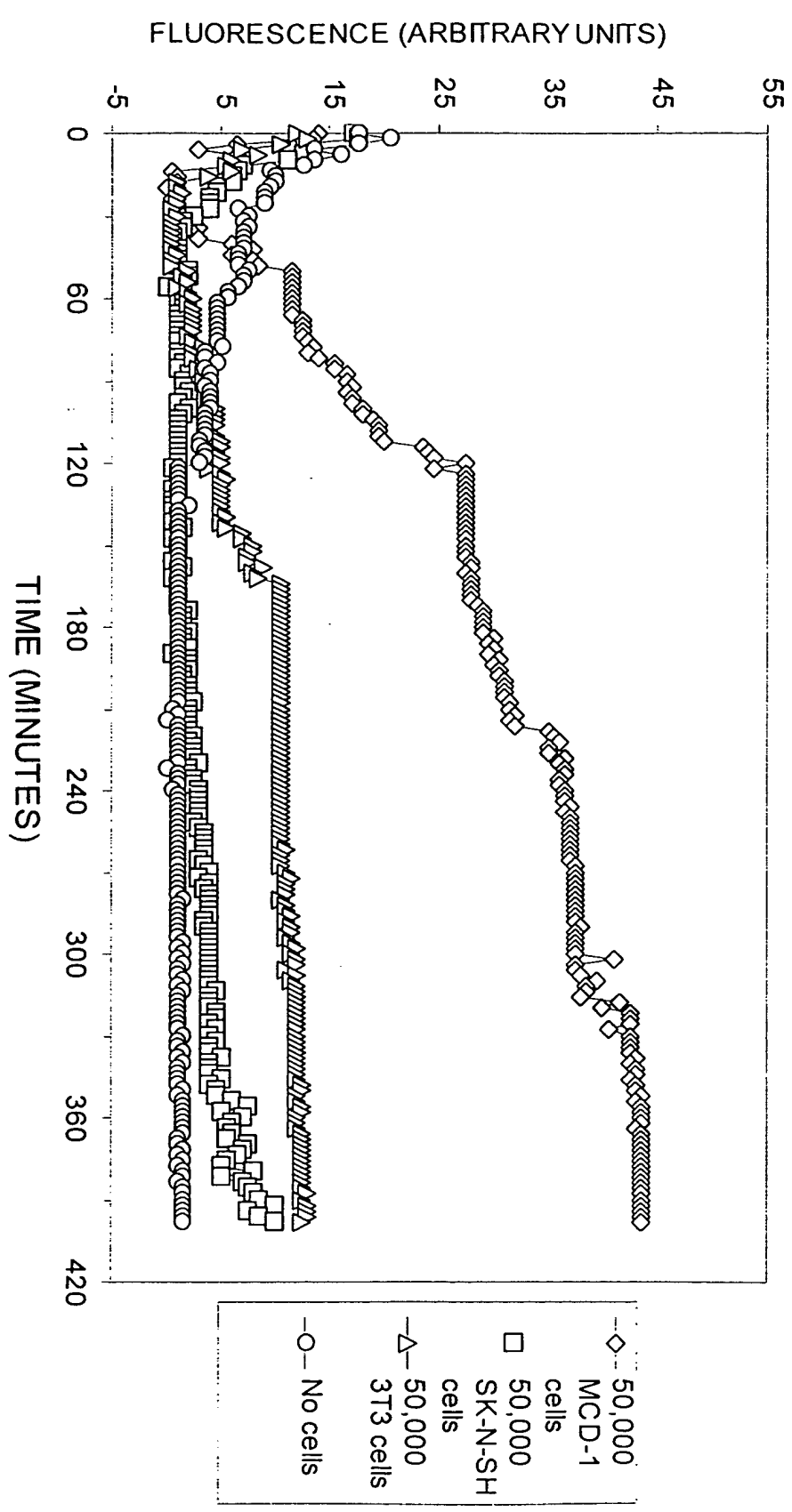
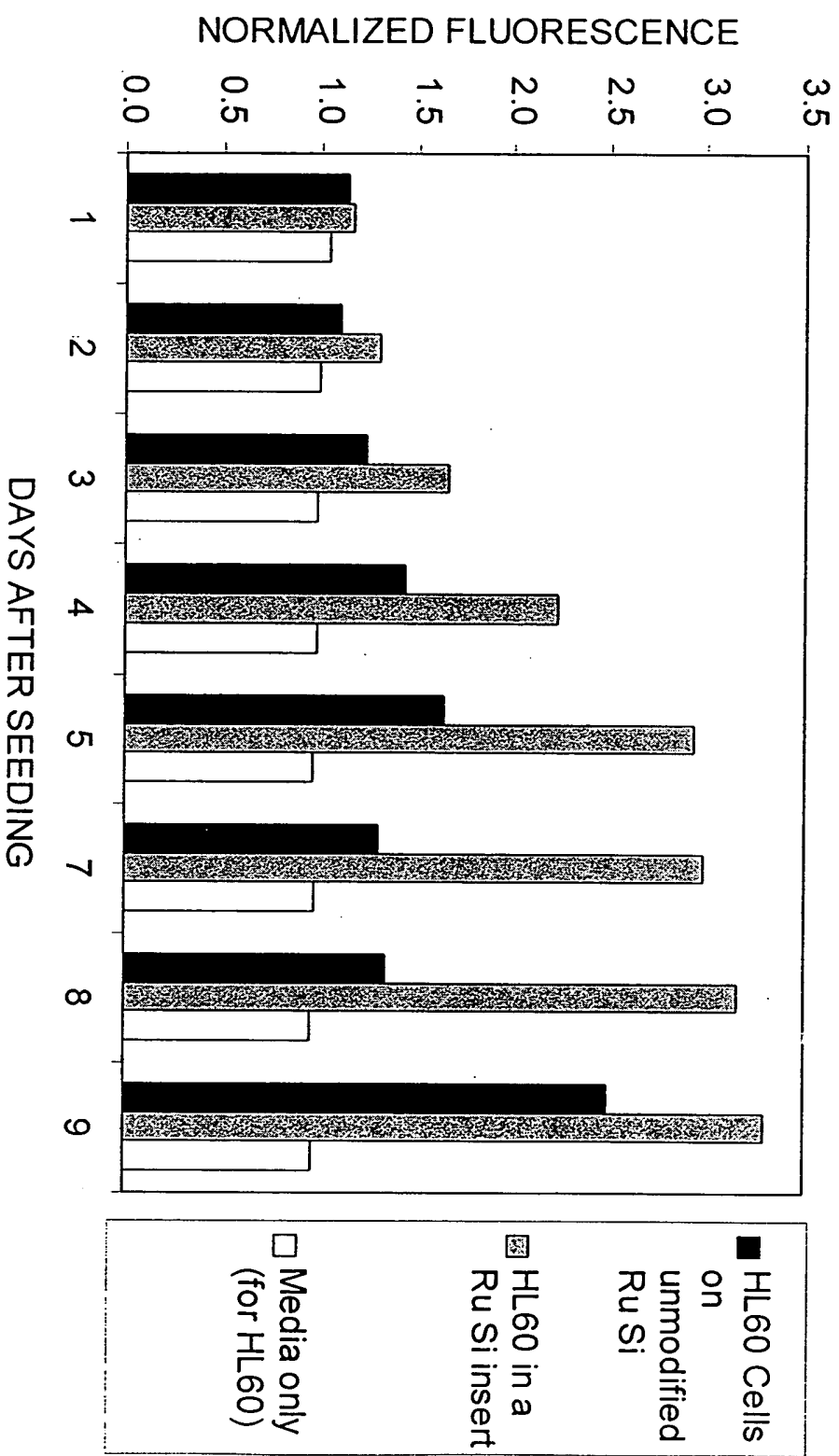


FIG-18C



09642504.081800

FIG-19A



09642504_081800

FIG-19B

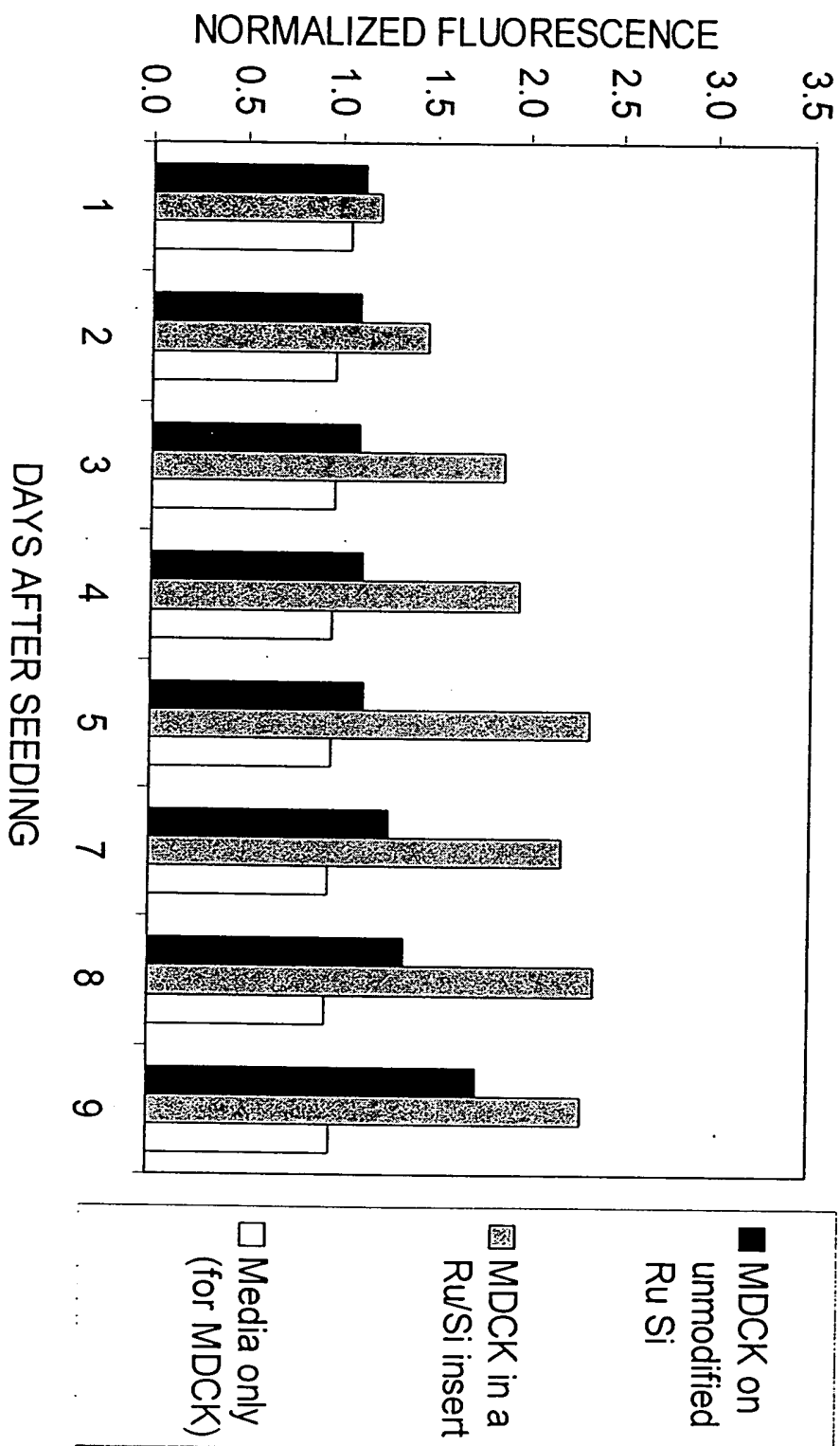
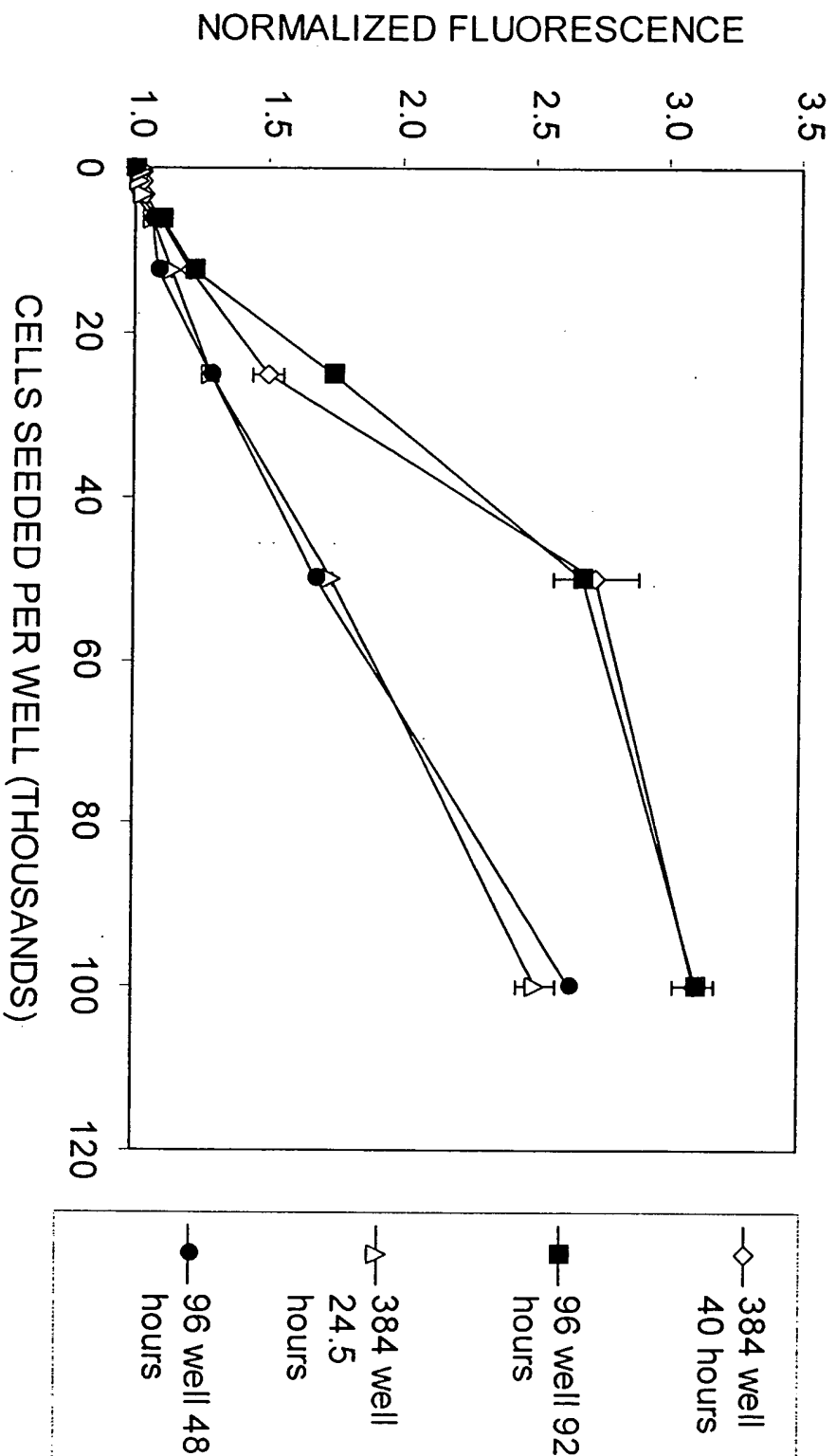
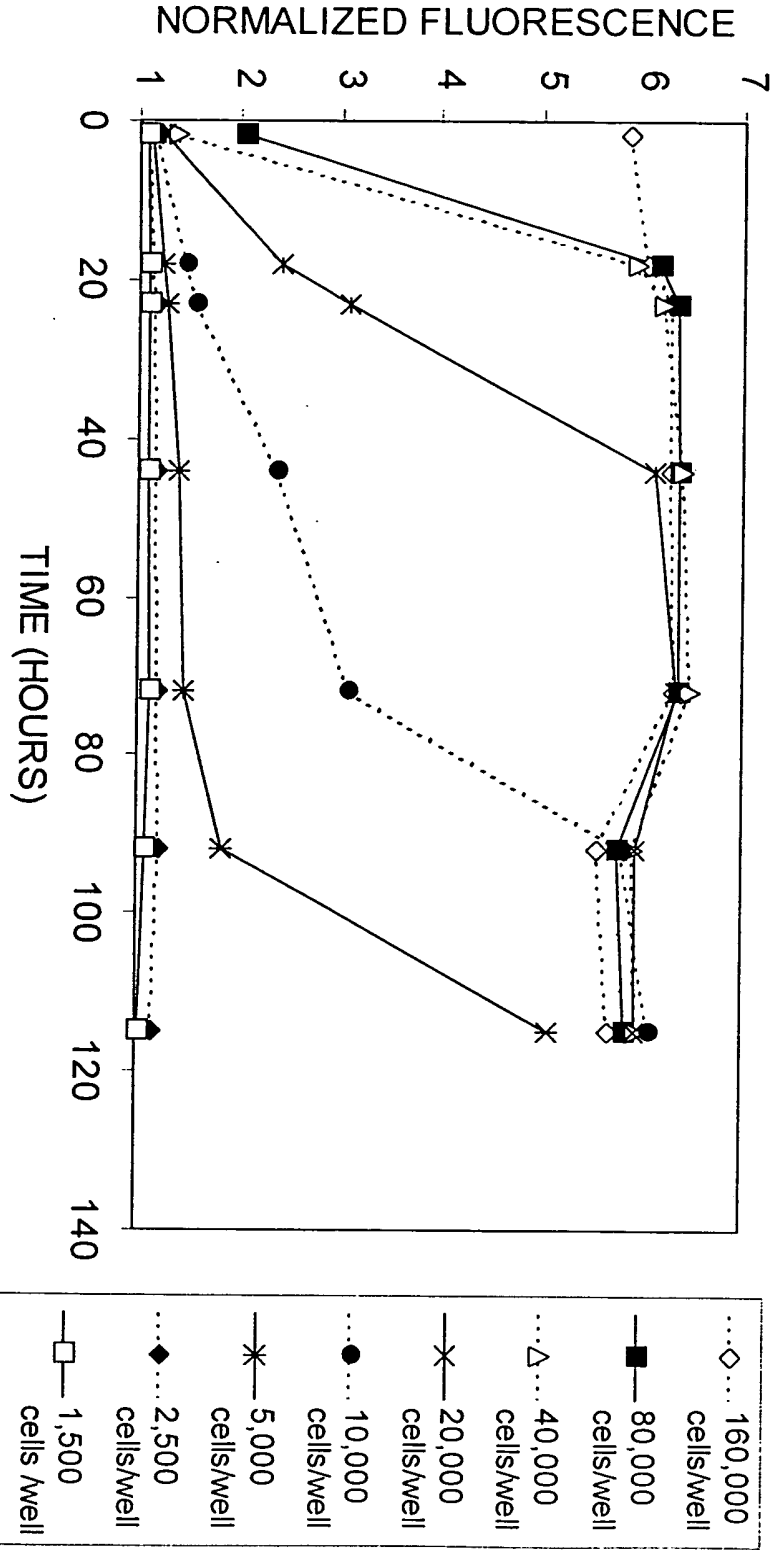


FIG-20



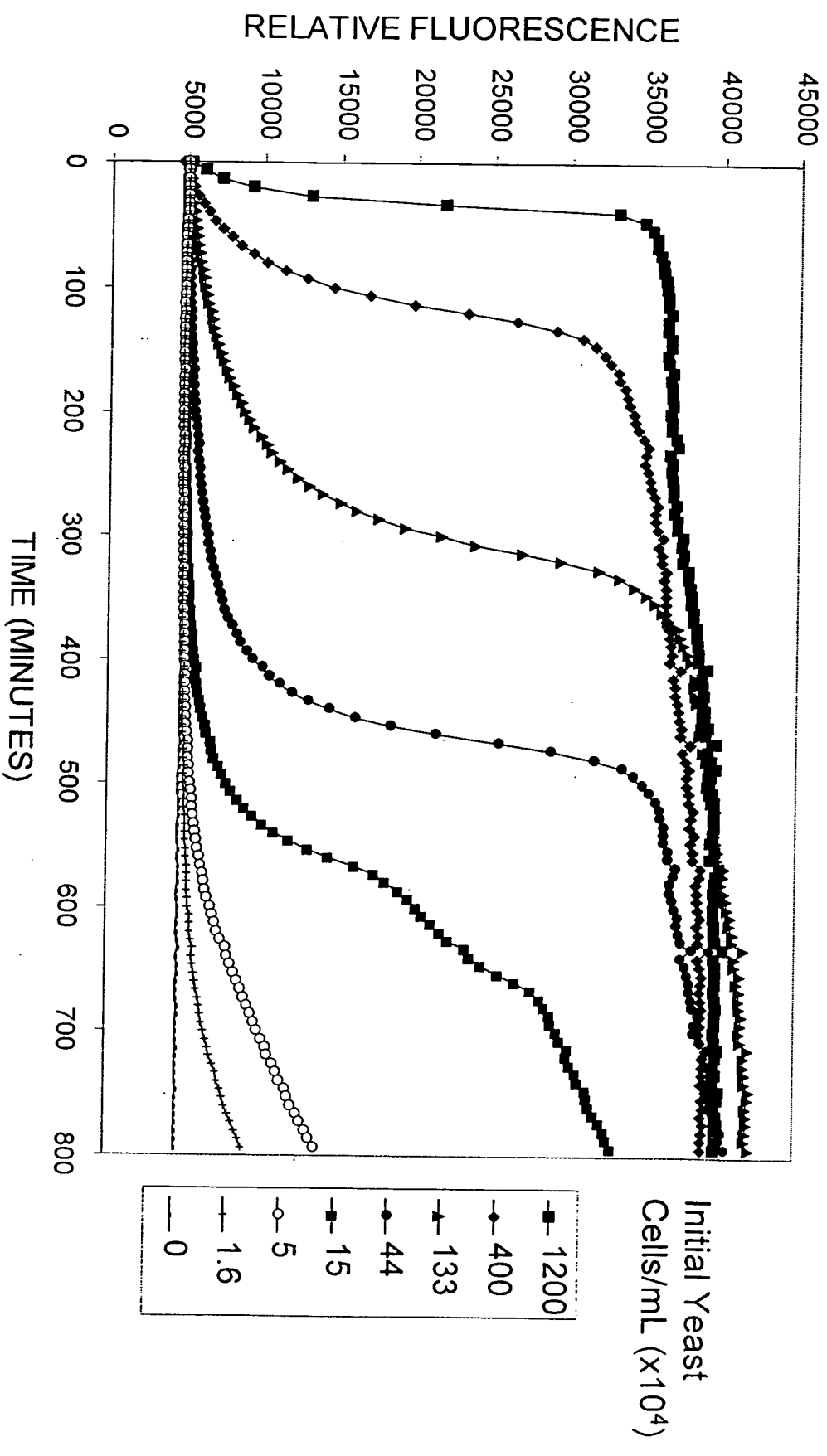
091642504 . 08.18.00

FIG-21



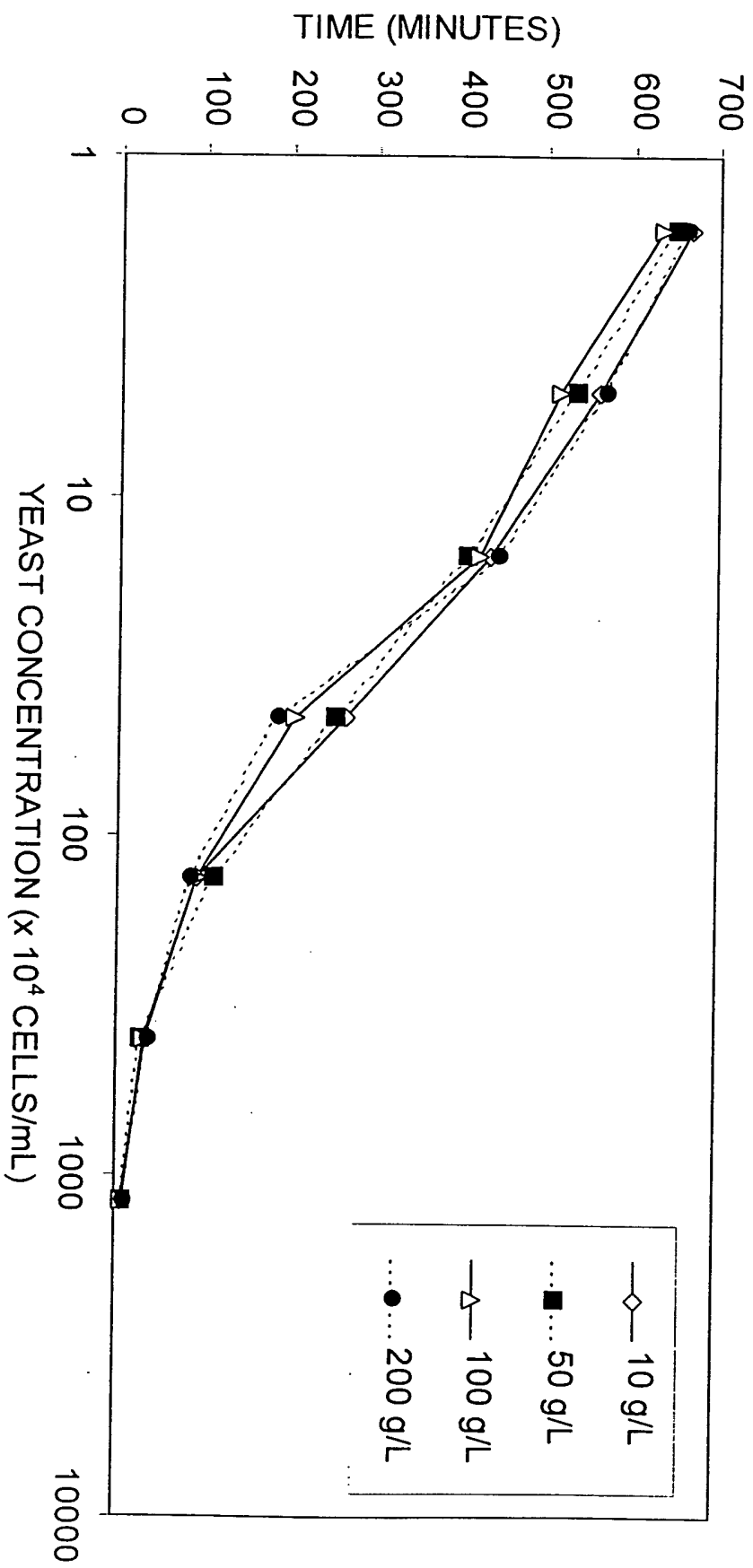
09642504.081800

FIG-22



0916425014 - 08.1.8.00

FIG-23



09642504 . 03.1300

Oxygen Consumption with 5 U/mL Glucose Oxidase

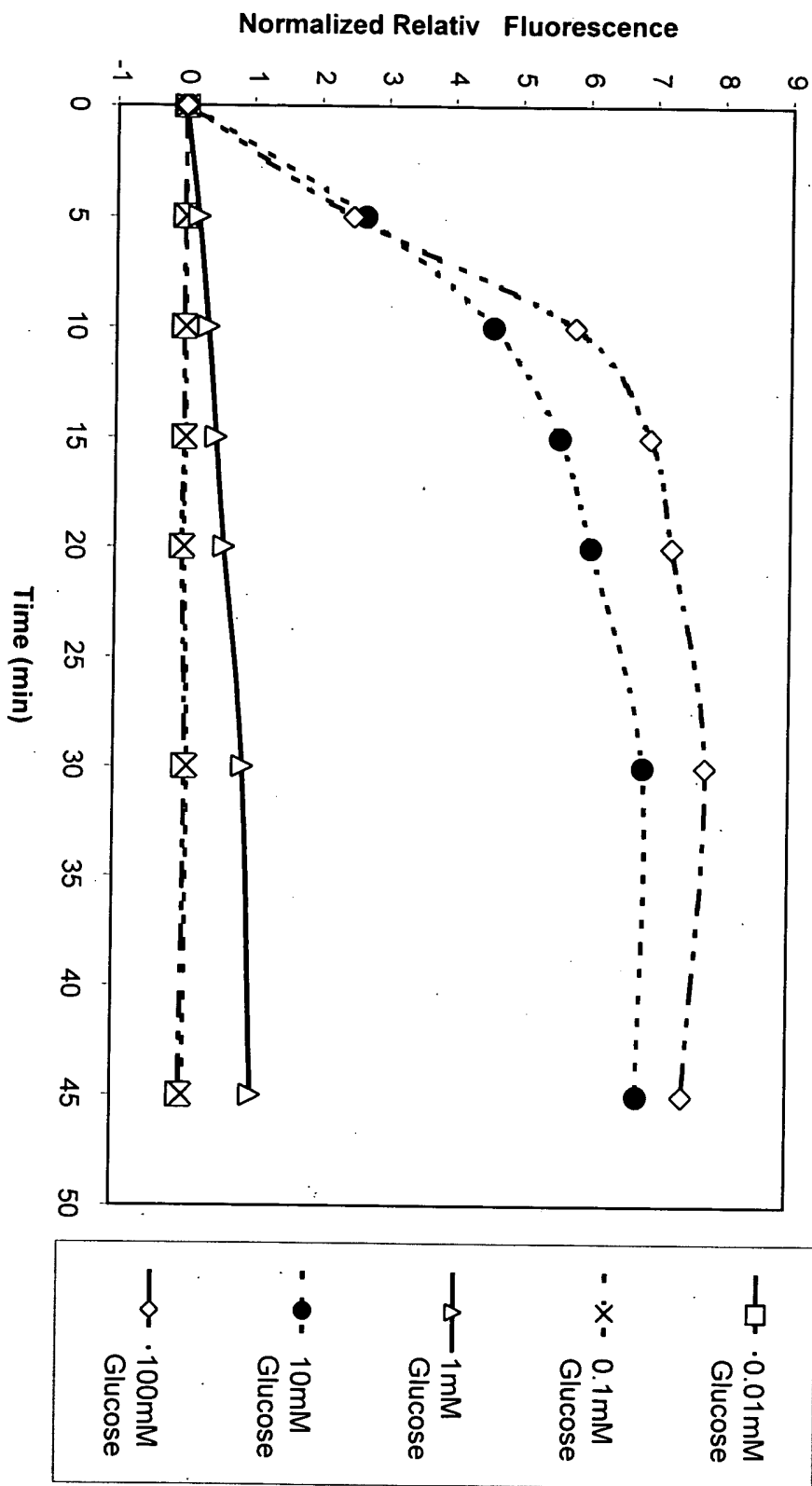


Fig. 24

Equilibrium Fluorescence Signal as a Function of Glucose and Glucose Oxidase Concentrations

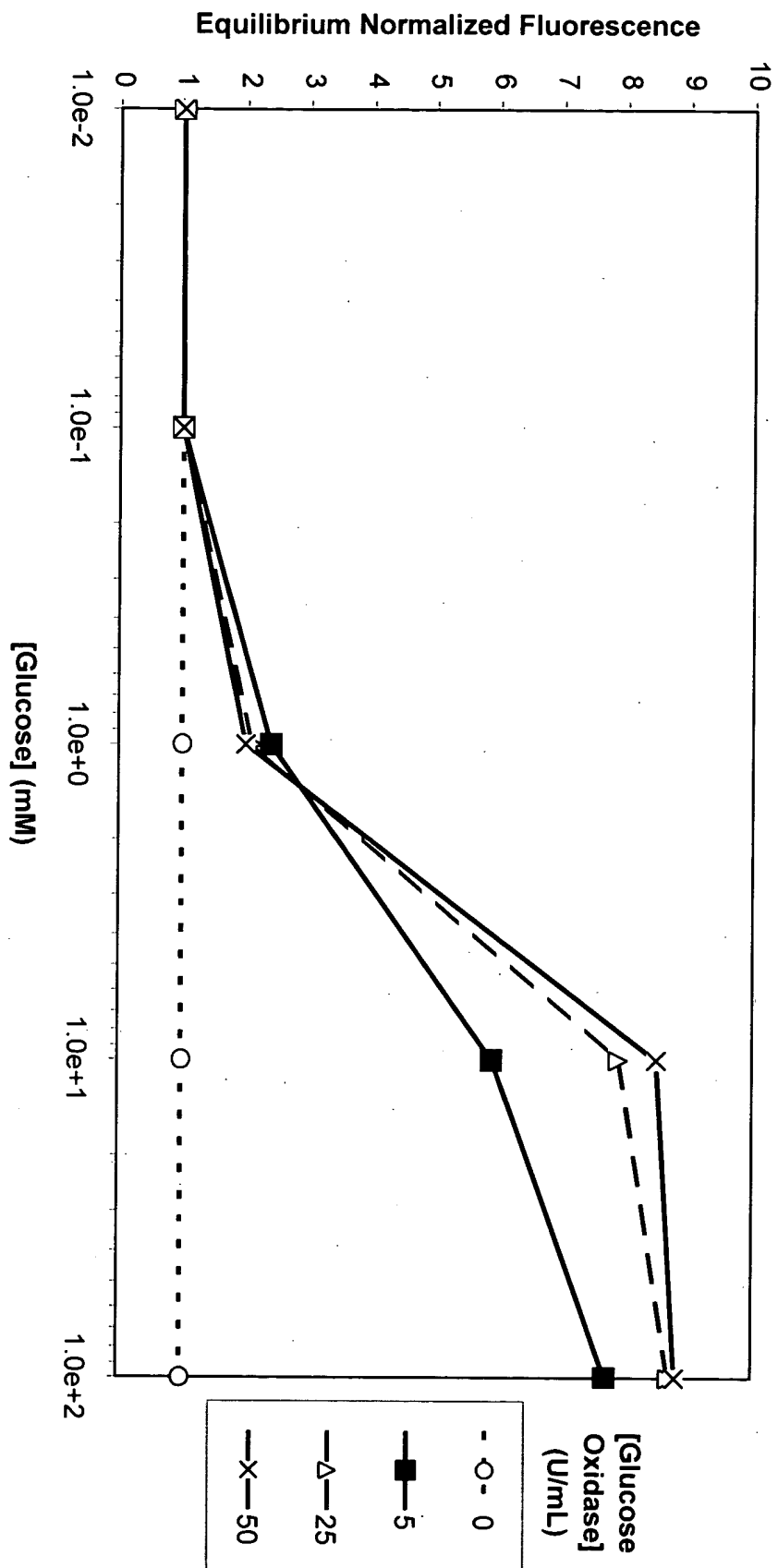


Fig. 25

09642504.081800

Oxygen Sensor Signal from 2C9 in Absence of Substrate

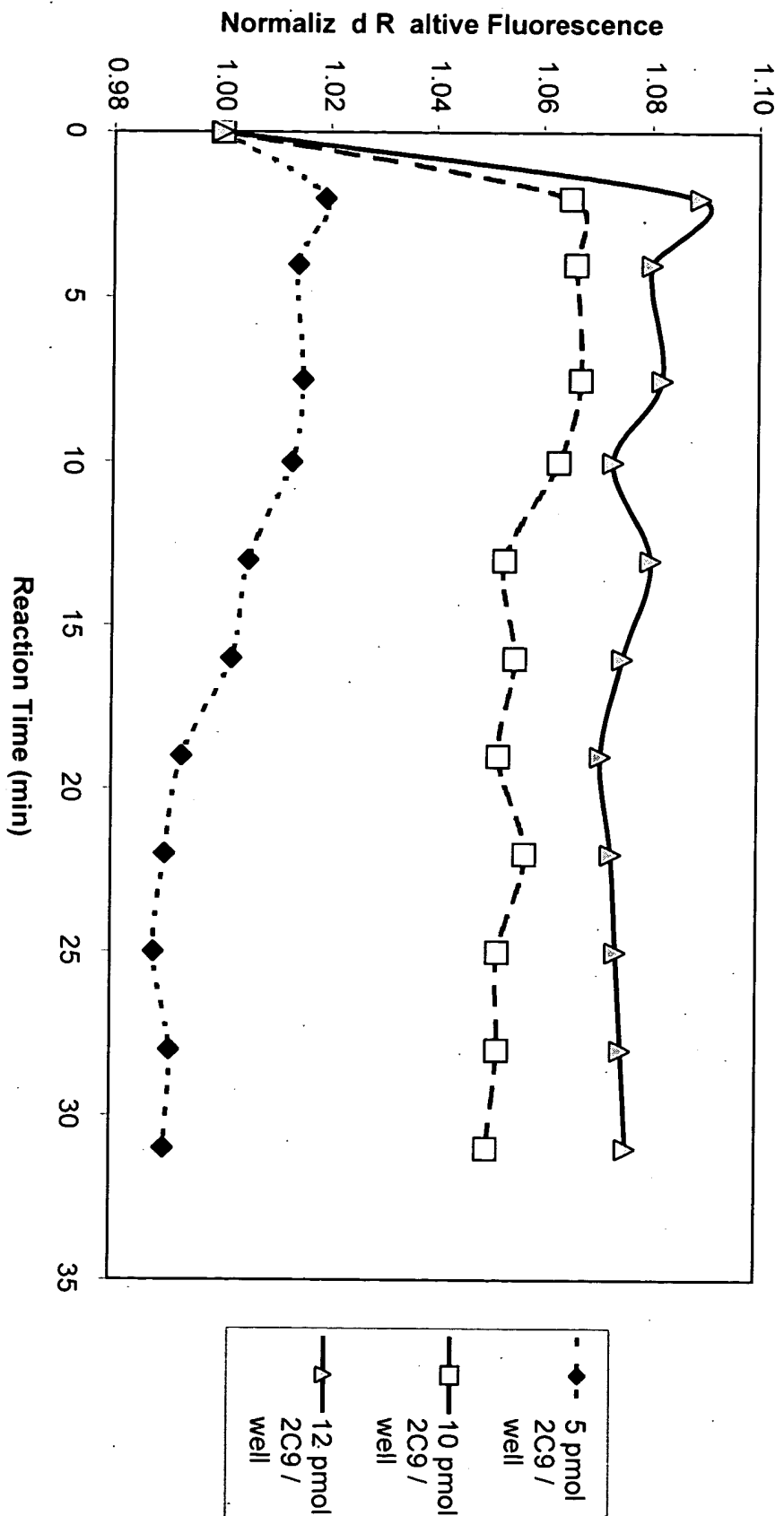


Fig. 26

0906423044.001000

Oxygen Sensor Signal from CYP 2C9 with and without Diclofenac Substrate

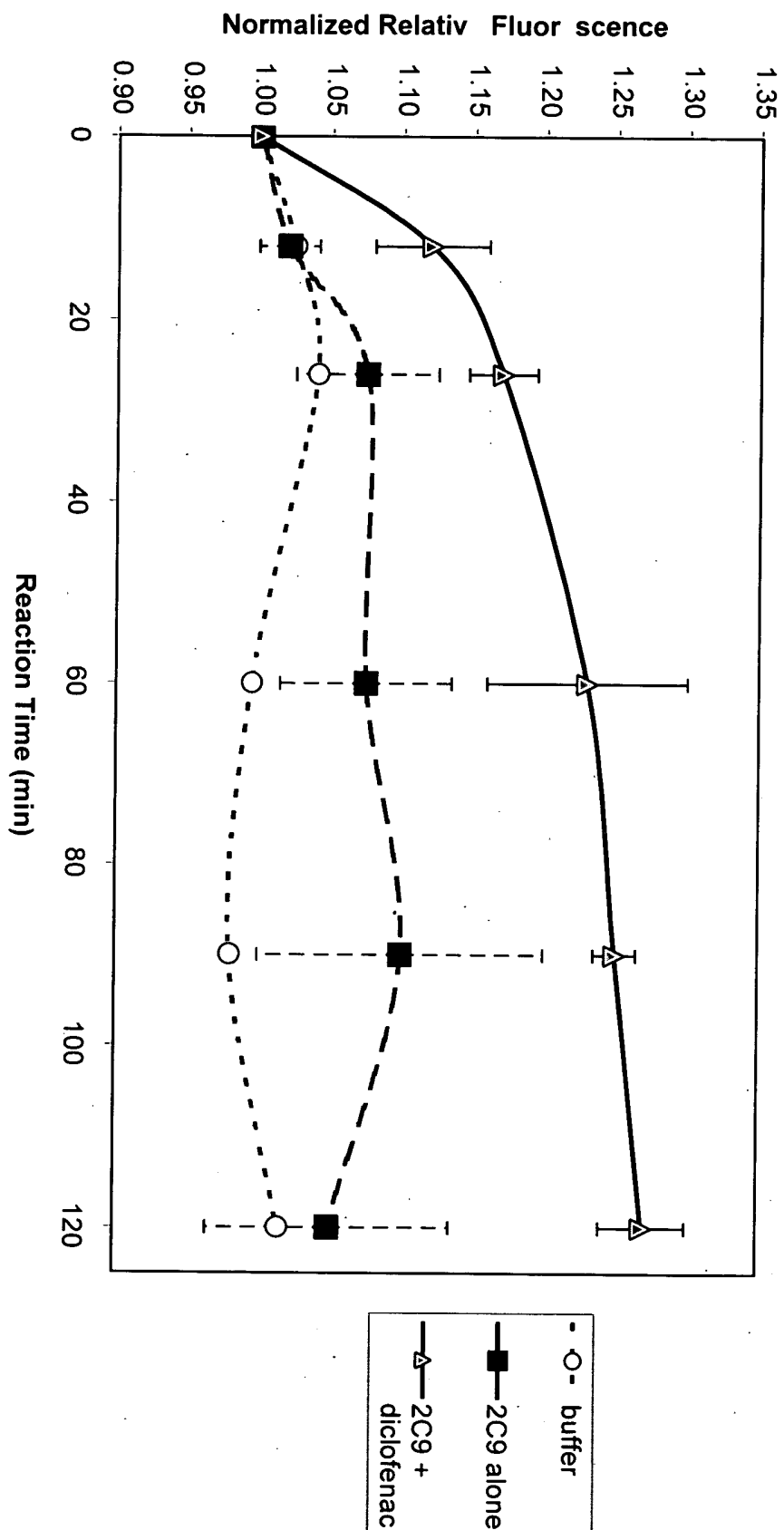


Fig. 27

Oxygen Sensor Signal for 2C9 System, Optimized

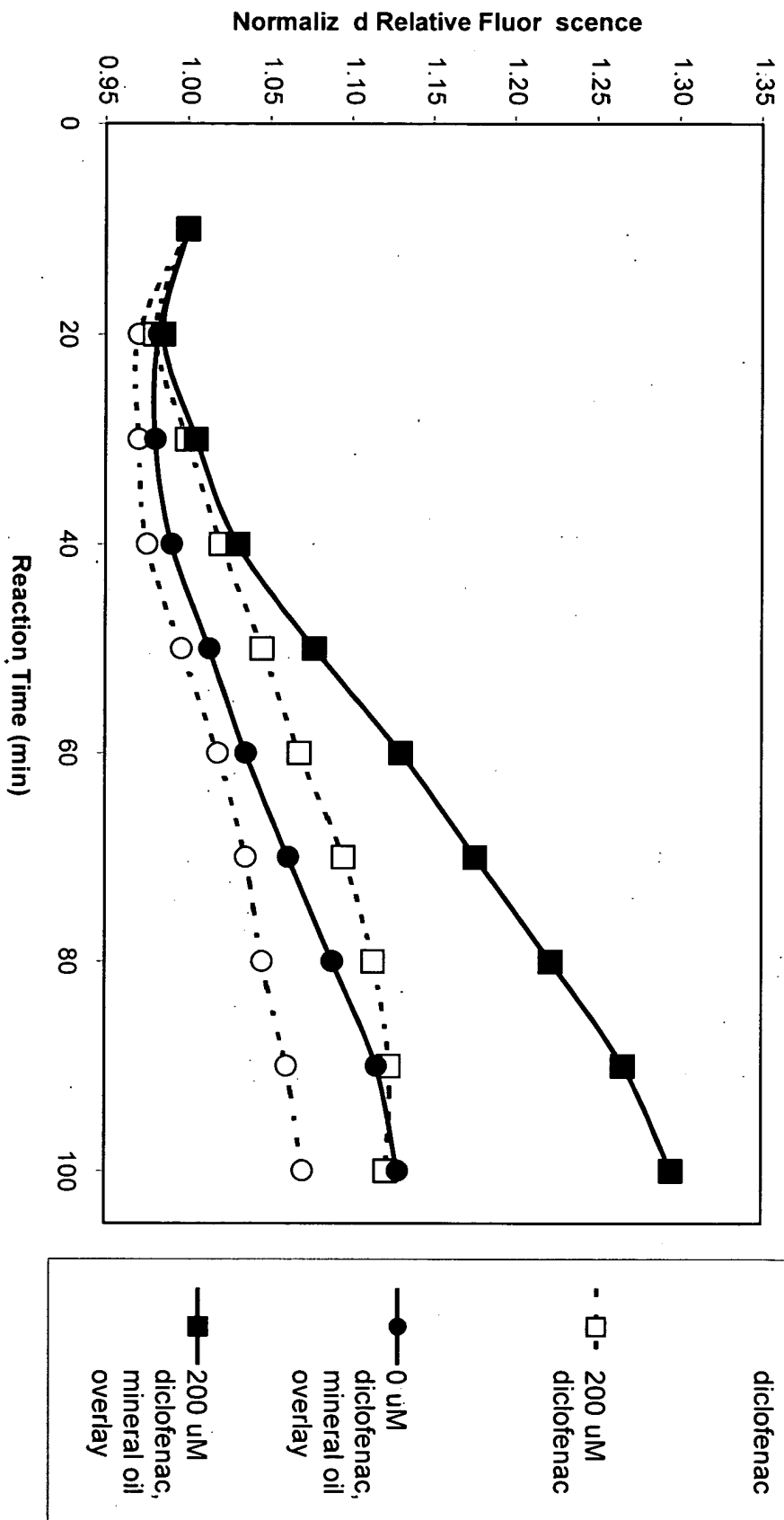


Fig. 28

09642504-081300

Inhibition of 2C9 Oxygen Sensor Signal by Sulphaphenazole

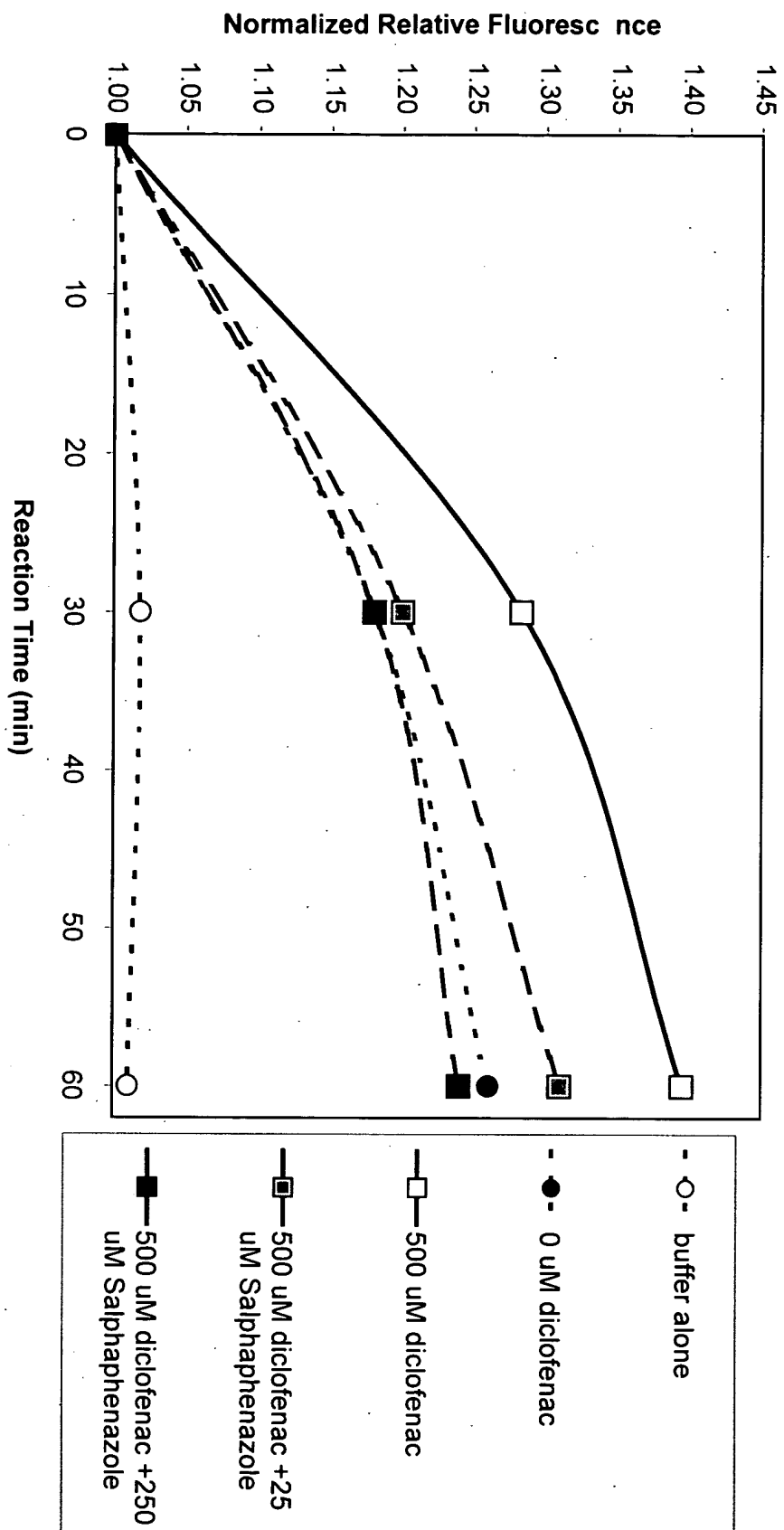


Fig. 29

Oxygen Consumption During 2C9 Metabolism of Ibuprofen

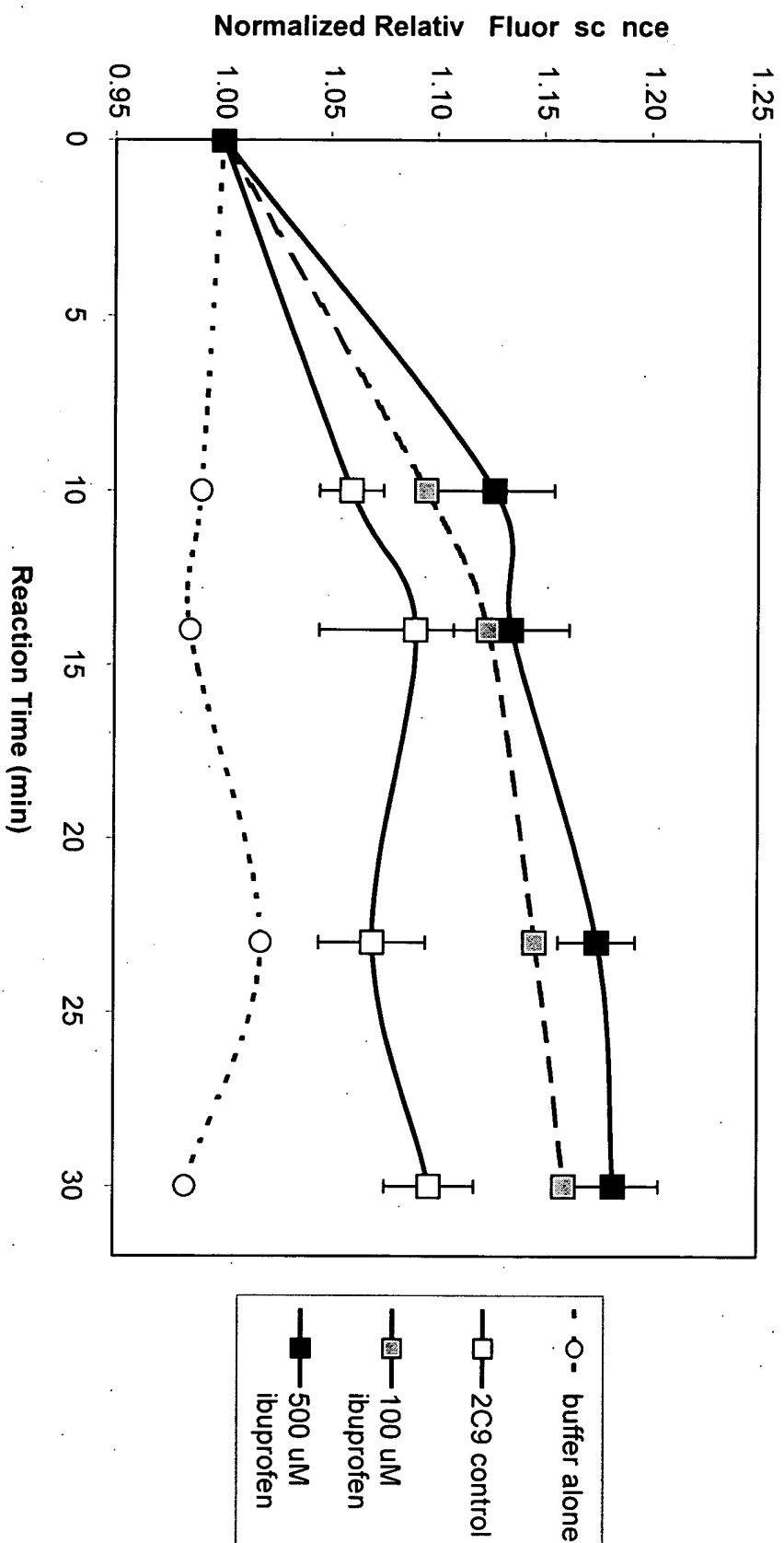


Fig. 30

09642504.081800

Detection of Peroxide as a Function of Ibuprofen Concentration

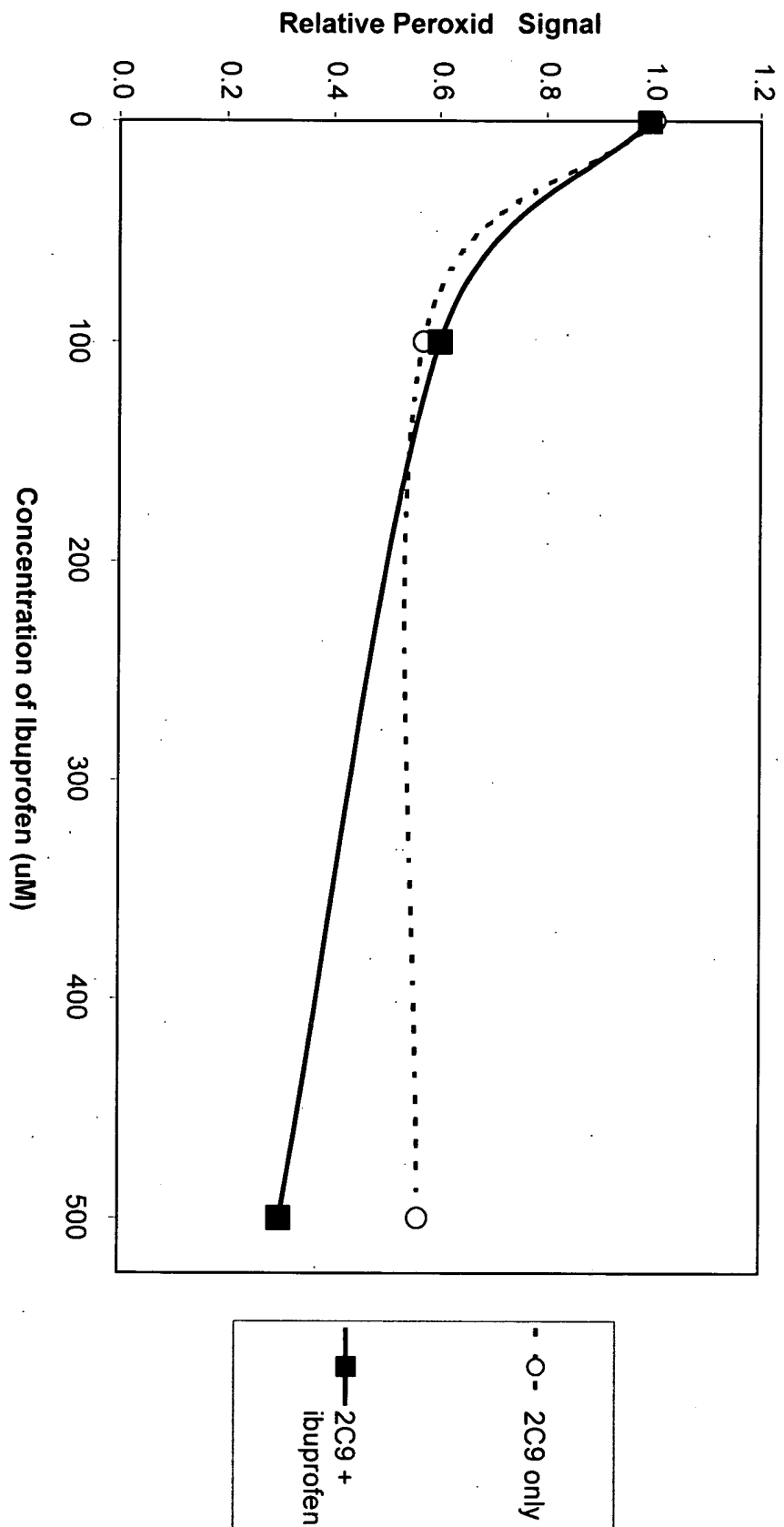


Fig. 31

Oxygen Consumption During Metabolism of Propranolol by CYP 2D6

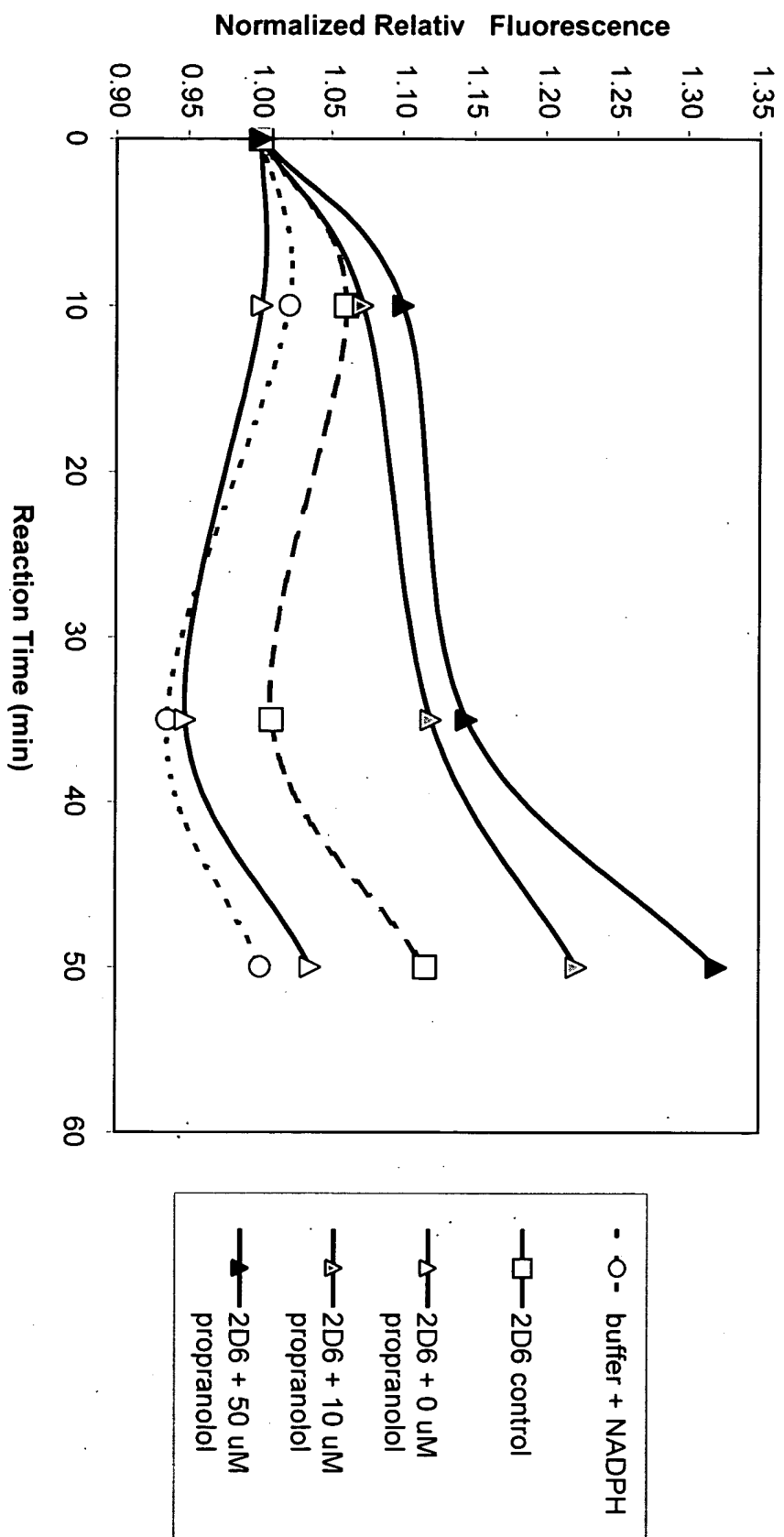


Fig. 32a

09042504.08.1900

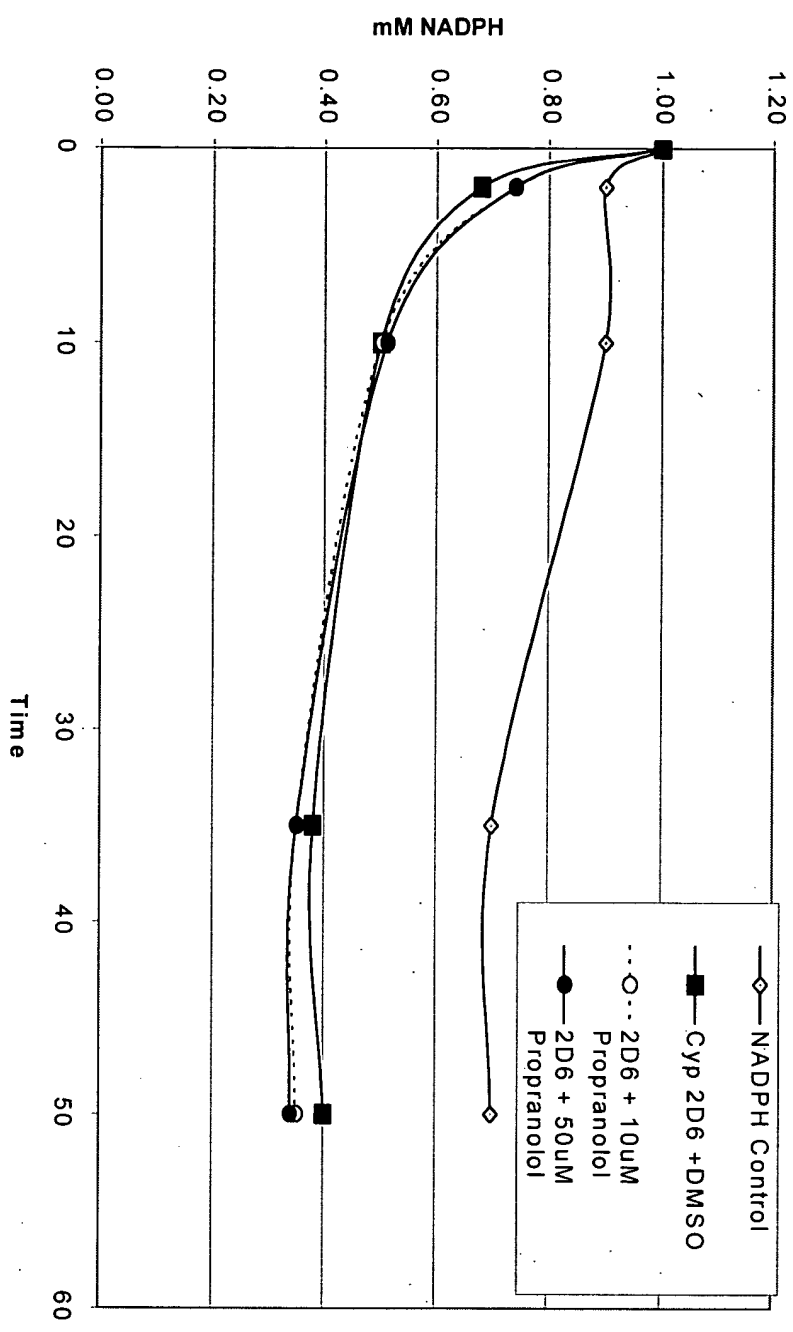


Fig. 32b

09642504-081800

Relative Rates of Propranolol and Dextromethorphan Clearance

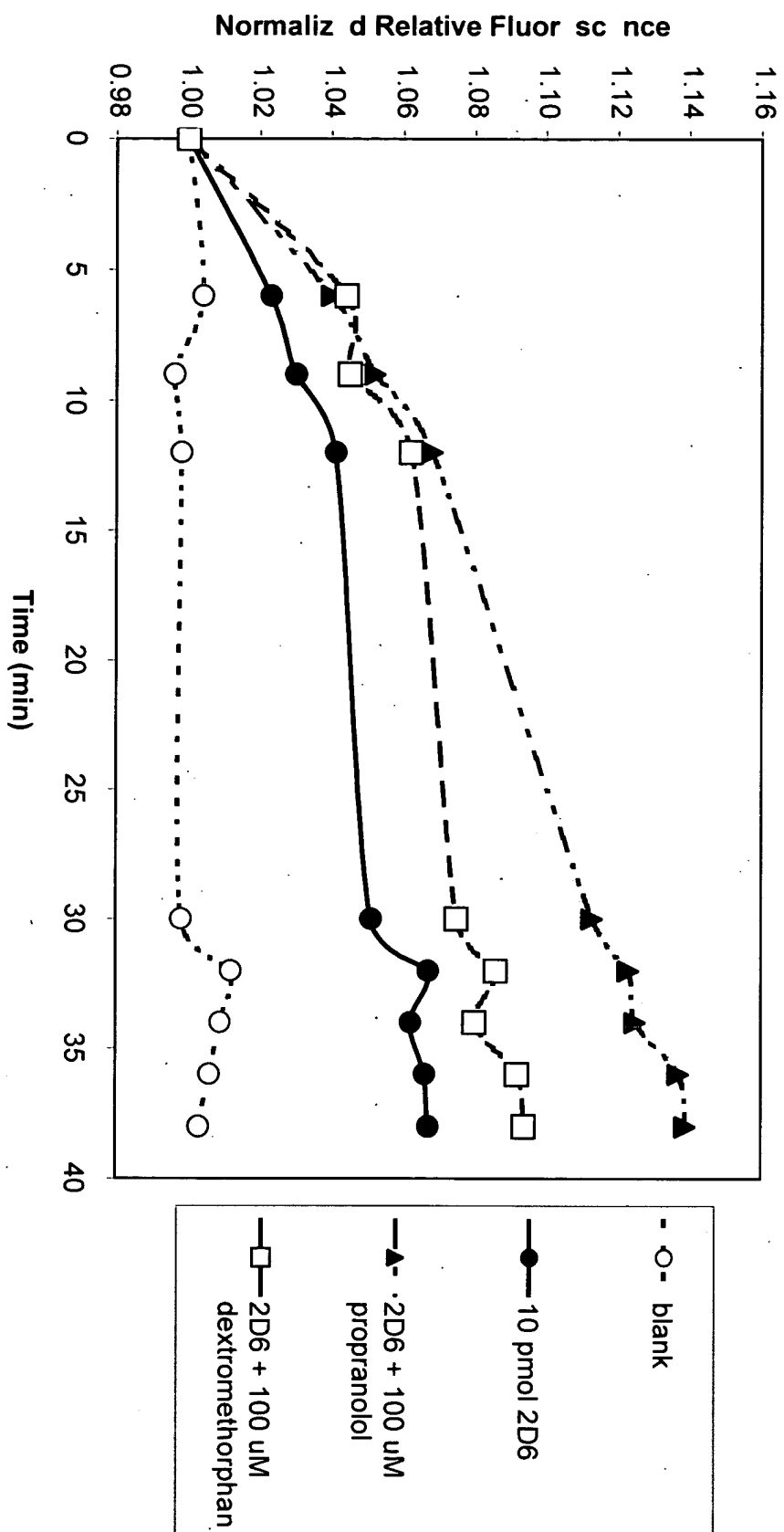


Fig. 33a

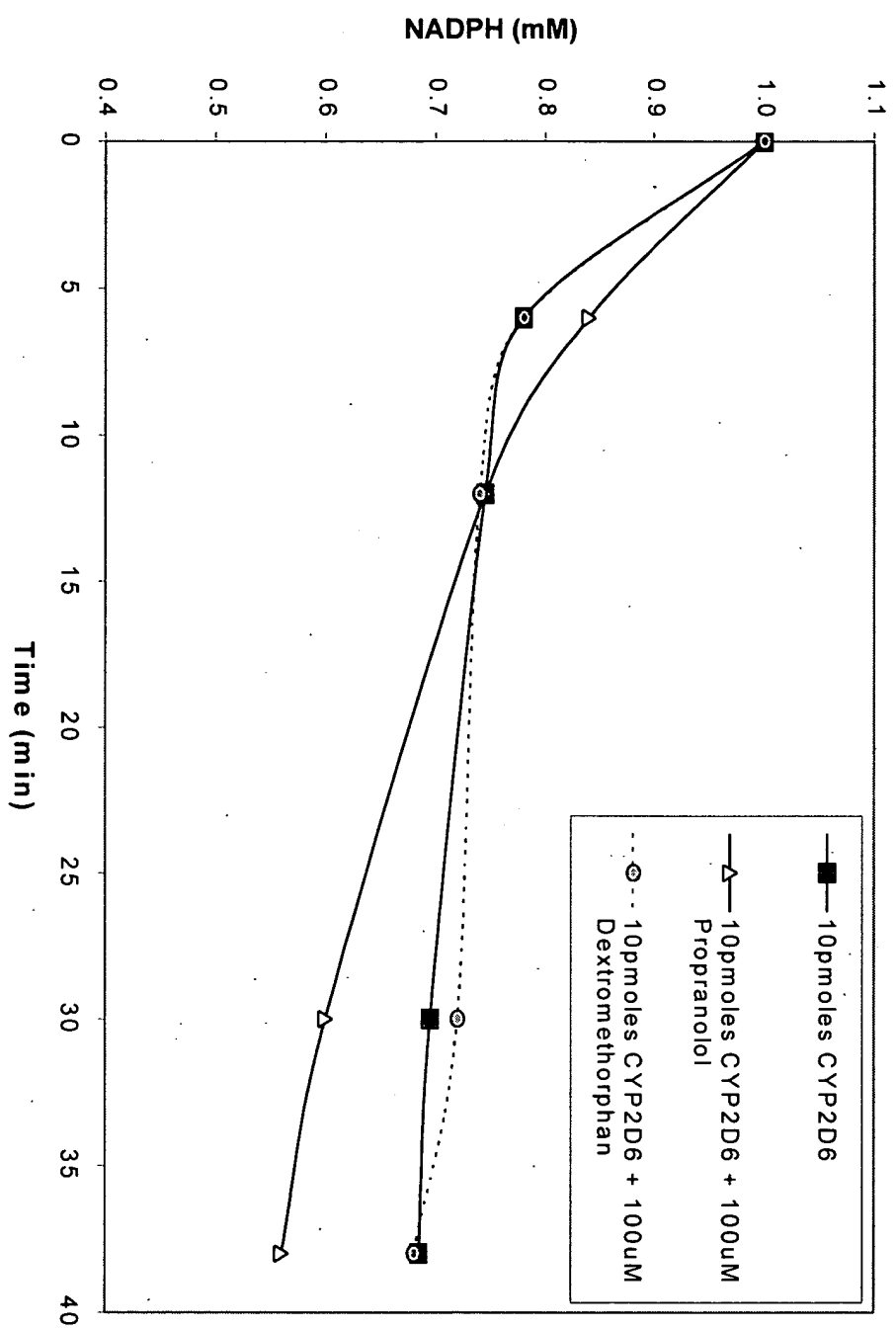


Fig. 33b

Oxygen Consumption by Liverbeads

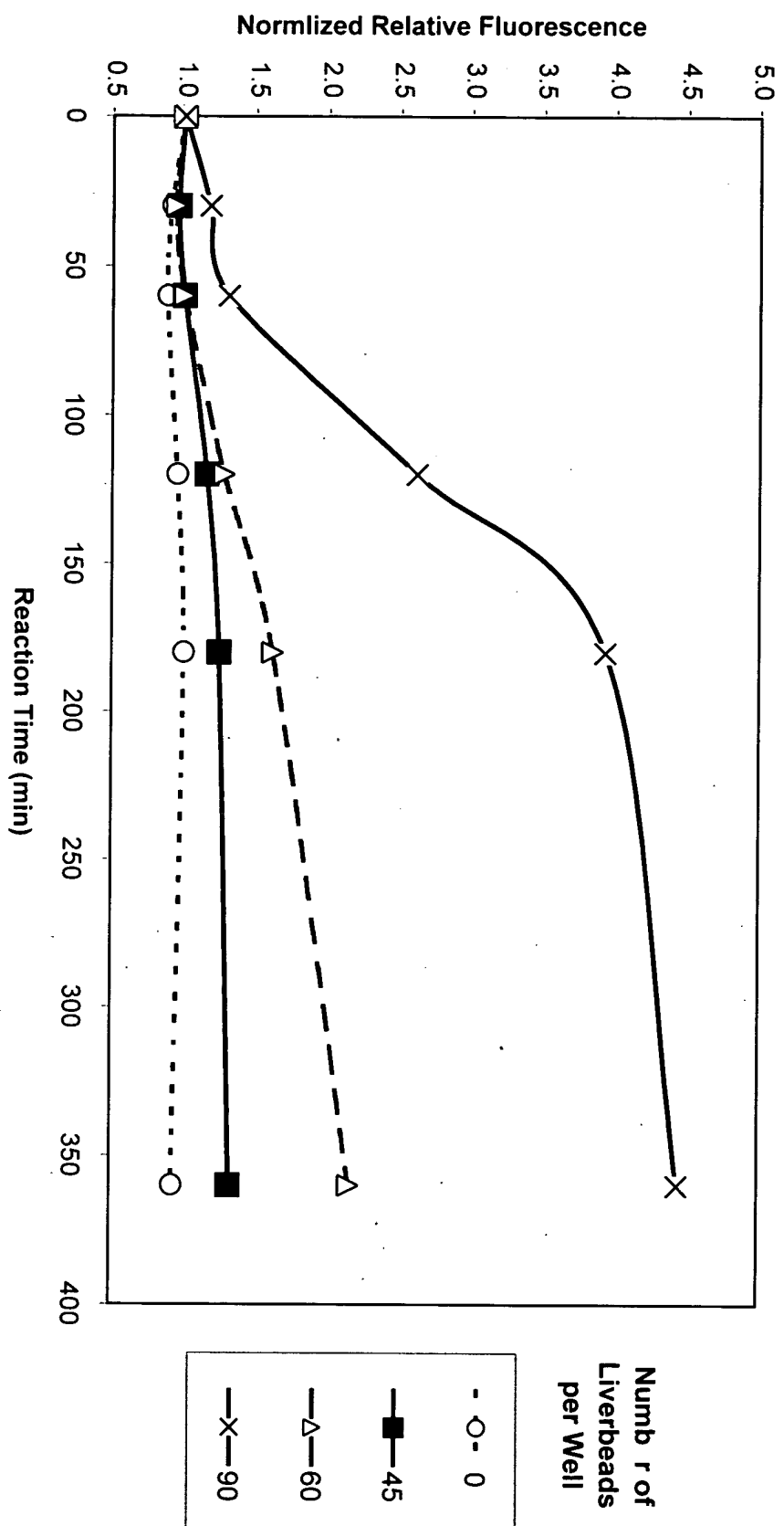


Fig. 34

091542504.0181800

Metabolism of Diclofenac by Liverbeads

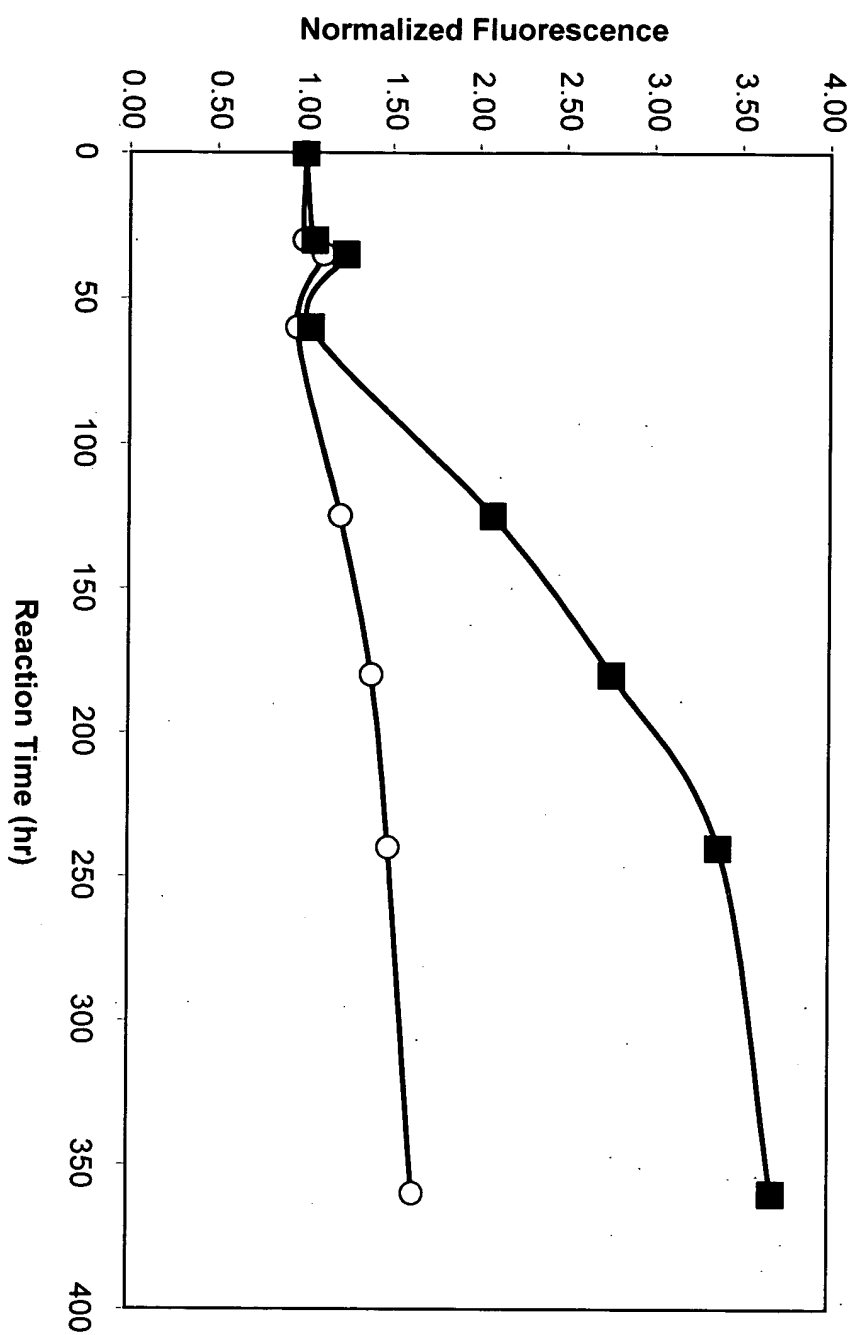


Fig. 35

09642504-081800